AKSHAT TOMAR

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# Technical Skills

**Languages and DataBases**: Python, Java (Java 8, Java 17), JavaScript,c++, SQL,MongodB, NodeJS, C/C++

**Versioning Tools**: Github,Bitbucket,GIT,SVN

**Frameworks**:Express.js,React.js,Springboot,Django ,Vue

**Cloud Services**: AWS (for deployment and storage solutions),Lambda,EC2,S3,Cloudwatch.

# Experience/Projects

**Wakandabooks pvt ltd Feb 2025 – Present**

*Full-Stack Developer Bengaluru*

* Designed and developed scalable backend services and APIs for ERP SaaS platforms using Node.js.

Built and managed relational (PostgreSQL, MySQL) and NoSQL (DynamoDB) schemas for complex ERP workflows.

* Deployed and maintained cloud-native services on AWS (Lambda, RDS, S3,Cloudwatch API Gateway, DynamoDB).
* Developed secure and scalable RESTful and GraphQL APIs supporting multi-tenant SaaS ERP systems.
* Engineered robust data isolation and scaling strategies for multi-tenant architecture.
* Integrated external APIs including payment gateways, CRM, and HRM systems.
* Enforced GDPR compliance and implemented RBAC to ensure data security across ERP modules.
* Optimized backend performance for high availability, reliability, and low latency at scale.
* Configured CI/CD pipelines for streamlined deployments and agile development workflows.
* Collaborated with product, front-end, and DevOps teams to deliver cohesive ERP solutions.
* Conducted code reviews, led design discussions, and mentored junior developers to maintain high code quality.

**Techbliss Limited Oct 2024 – Present**

*Full-Stack Developer Gurugram*

* Developed scalable applications utilising distributed systems architecture, ensuring efficient handling of large-scale data to enhance performance and reliability in high-demand environments.
* Hands on experience in Data Structure and Algorithms.
* Hands on experience in creating api documentation using Swagger UI.
* Spearheaded collaboration with UI/UX teams to redesign user interfaces, resulting in a 30% increase in task completion rates by implementing intuitive navigation tailored to user needs and behaviors within the application.
* Led peer design reviews and participated in regular code reviews, ensuring adherence to best practices and code efficiency.
* Skilled in **Terraform** and **Ansible** for infrastructure automation, specializing in **IaaS** environments to streamline cloud deployments and management.
* Proficient in **Rest API** development and **project management** practices to coordinate complex projects effectively.
* Experienced in **operating systems** and **OpenShift** for managing containerized applications, with scripting skills in **Bash** and **Groovy** to automate workflows.
* Knowledgeable in handling **cookies** for web sessions and security, ensuring compliance and user data integrity.
* Skilled in **Node.js** and **JavaScript** for developing Innovative ,efficient and scalable **backend** services that integrate with frontend components.
* Strong experience in **teamwork**, collaborating effectively with cross-functional teams to deliver high-quality software solutions.
* Proficient in **React** for building dynamic, responsive **frontend** applications, ensuring seamless user experiences.
* Built RESTful APIs for data-intensive applications, enhancing data retrieval performance by 20% through optimised queries and caching strategies.
* Proficient in **Visual Studio** for development, using **npm** and **Node.js** to build and manage backend services, with a focus on **continuous improvement**.
* Skilled in **full-stack development** with a focus on **REST APIs**, **schema** design, and implementing **product features** that align with customer needs and business goals.
* Experienced in **quality assurance**, **pipeline** management, and working with **PaaS** and **OpenStack** environments to ensure smooth deployments and scalability.
* Strong **communication skills** (both written and verbal) and a **self-starter** with a passion for **innovation** in **open-source** projects, leveraging tools like **shell scripting** for automation and enhancing workflows in **SPA** development.
* Skilled in **React**, **Redux**, **MobX**, and **JavaScript** to create dynamic **frontend** applications, utilizing **component libraries** like **Storybook** and **Bootstrap** for consistent UI design.
* Experienced in database management with **PostgreSQL** and API development using **GraphQL**, ensuring efficient data retrieval and interaction across both **frontend** and **backend**.
* Strong expertise in **Puppeteer** for browser automation and **Mocha** for testing, alongside a deep understanding of **jQuery**, **Babel**, and other **information technology** tools to improve system performance.
* Developed **Vue.js** applications using **ES6** and **functional programming** principles, enhancing code efficiency and user experience.
* Implemented **end-to-end testing** with **Cypress**, **Jasmine**, and **Jest** to ensure application reliability and performance.
* Collaborated in **Scrum teams** to align **front-end features** with **consumer needs**, driving user engagement and **ROI**.
* Utilized **Webpack** and **Node.js** for efficient asset bundling and dependency management, optimizing **web performance**.
* Proficient in **C++** and **C/C++**, with a strong understanding of the **software development life cycle (SDLC)** and **product delivery** for **enterprise** solutions.
* Proficient in TypeScript, Redis, and React, with experience in building CI/CD pipelines using Jenkins and Kafka while staying updated on industry trends.
* **Developed and executed scalable solutions** in a startup environment, leveraging a robust tech stack including **Go, Linux, and Elasticsearch** to drive growth and enhance product flow in the **fintech** industry.
* **Led the analysis and tuning** of **object-oriented** systems, optimizing performance on **NoSQL databases (e.g., HBase)** for high-speed transactions and real-time data processing.
* **Applied problem-solving and scope definition** techniques to streamline project execution, aligning with startup goals through data-driven insights and agile methodologies.
* Experienced in **test automation**, designing and implementing automated test suites to ensure software reliability and performance.
* Proficient in managing **cloud infrastructure** and leveraging cloud-based tools to optimize development, deployment, and scaling of applications.
* Skilled in **automated testing**, using frameworks and tools to improve efficiency and coverage while reducing manual intervention in testing processes.
* **Enhanced system architecture and tech stack** with a focus on **vision and execution**, implementing best practices for **NoSQL, Elasticsearch, and HBase** in a Linux environment to support long-term scalability and reliability.

**Ldotr June 2024 – Sep 2024**

*Full-Stack Developer Sector 51, Noida*

* Participated in agile development process and ceremonies.
* Developed REST APIs for product listings, cart management, and order placement, implementing role-based access control with Spring Security.
* Built a responsive UI for product browsing, shopping cart management, and payment handling, with real-time product notifications.
* **Developed and maintained frontend applications** using **React and CSS3**, following **OOP principles** to ensure modular, reusable, and clean source code.
* Proficient in **Visual Studio** for development, using **npm** and **Node.js** to build and manage backend services, with a focus on **continuous improvement**.
* Improved SQL query efficiency, reducing processing times by over 50%, which boosted database performance and response times for critical operations.
* Developed **scalable backend services** focused on MVC and **performance optimization** and efficient server responses with my problem-solving skills.
* Designed and implemented **RESTful APIs** following industry **best practices** for maintainable and consistent endpoints.
* Collaborated with **front-end developers** to ensure smooth **integration** and enhance overall **user experience**.
* Applied **front-end technologies** to create **responsive interfaces** that align with backend functionality.
* Committed to **clean code principles**, resulting in improved **code readability, maintainability,** and **collaborative development**.
* Optimized **web performance** by enhancing both backend and front-end components, reducing load times, and improving user interactions.
* Created scalable solutions to accommodate growing user demands while maintaining **system stability** and **speed**.
* **Web Development & Design**: Skilled in web development and design using HTML5, CSS3, JavaScript, Vue.js, and React to create visually appealing, responsive applications.
* **UX/UI Design & Validation**: Proficient in UX/UI principles, including wireframing, prototyping, and validation to ensure user-centered, effective design solutions.
* **Product & Collaboration**: Experience in product management and cross-functional collaboration to align development, design, and business goals for cohesive project outcomes.
* **Graphic & Visual Design**: Strong background in graphic design and mockups, leveraging tools like Figma and Adobe XD to enhance product visual appeal and usability.
* **Implemented REST and SOAP web services** and integrated them with **frontend** components, enhancing user experience and data accessibility in a microservices environment.
* Developed responsive and interactive **frontend** interfaces using **HTML** and **CSS**, ensuring consistency across devices and browsers.
* **Collaborated with cross-functional teams** in an Agile setting, performing **unit tests** to ensure code quality and reliability across services and frontend interfaces.
* **Built and deployed containerized applications** using **Docker and Kubernetes**, supporting seamless **continuous integration** and improving deployment efficiency.
* Utilized **front-end technologies** to build dynamic, user-friendly web pages aligned with **backend** functionality.
* ntegrated **REST APIs** to connect frontend interfaces with backend data, improving data accessibility and user interactions.
* Skilled in **writing** clear documentation and technical content, supporting version control and collaboration across development teams.
* Experienced in **version control** and **scripting** to streamline development workflows and ensure consistency across projects.
* Proficient in **CSS** and **LESS** for styling, with a focus on **cross-browser compatibility** to deliver a consistent user experience.
* Knowledgeable in **content management systems (CMS)**, collaborating effectively to integrate AI-driven solutions that enhance functionality and usability.
* Leveraged **HTML** and **CSS** in conjunction with modern **frontend frameworks** to create performant and accessible web interfaces.

**TEKS Academy August 2023 – Feb 2024**

*Java Full-Stack Trainer Hitec-City,Hyderabad*

* Developed and implemented a structured curriculum covering Java, front-end, back-end, and full-stack development technologies.
* Delivered hands-on training sessions in core Java, advanced Java (Spring Boot, Spring MVC, Hibernate), and front-end frameworks (**React,** Angular).
* Provided individualized support through code reviews, feedback, and debugging assistance to improve learners' coding proficiency and conceptual understanding.
* Created comprehensive learning materials, including slides, tutorials, exercises, and guides, tailored to different stages of technical learning.

**Wenger & Watson August 2021 – Feb 2023**

*Associate Consultant Remote/Bengaluru*

**Skills and Expertise**:

* Strong background in **Artificial Intelligence**, **Natural Language Processing**,**Computer Science** and **Software Development**.
* Proficient in **C**, **Java**, and various programming languages with extensive experience in **documentation**, **hardware**, **infrastructure**, and **networking** in **fast-paced** environments.
* Leadership experience in **software engineering** projects, collaborating with **stakeholders** and utilising **user feedback** to drive **innovation** in **web applications**.

# Personal Projects/Awards & Achievements

**Microservices-Based Employee Management Application** *|Springboot,Java,React.js,Mysql* **April 2022 - May 2022**

* **A microservices-based Employee Management Application developed using Spring Boot, Java, React.js, and MySQL, enhanced with AI and ML functionalities and deployed on AWS. This application allows for efficient management of employee and department information, providing features such as CRUD operations for employees and departments, user authentication, and a responsive dashboard for monitoring key statistics. Additionally, it utilises AI/ML algorithms for predictive analytics and insights into employee performance and departmental efficiency, leveraging cloud resources for scalability and reliability.**

**Education**

**Shriram Institute of Information and Technology Aug 2016 – Sep 2020**

*Bachelor of Engineering in Electronics and Communication Banmore, Madhya Pradesh*