Manik Rangar | Software Developer

Delhi, India

Mail: rangarmanik22@gmail.com   Phone: (+91) 9643166233   LinkedIn: linkedin.com/in/manik-21b09b1b9/

SUMMARY

Software developer with 3 years of experience in backend development, specializing in scalable API design, database management, and optimizing server-side logic. Focused on delivering high-quality software solutions through efficient code and effective problem-solving. Continuously embracing emerging technologies to enhance backend systems.

EXPERIENCE

Impulsive Web
Software Developer   *July 2024 - Present, Noida, Delhi*

- **MissBliss Adult Social Media Platform**
- Designed and optimized **analytics dashboards** using **Sequelize** and **PostgreSQL**, focusing on **user posts, likes, comments, engagement metrics**, and role-based interactions.
- Developed advanced **SQL scripts** in **Python** for **ETL** processes, including **data fetching, transformation**, and modifications, along with **database triggers** and **procedures** to automate workflows.
- Built **frequency tables** and implemented granularity selection for detailed, customizable analytics insights.
- Integrated **Ondato** for content **censorship** and **moderation**, ensuring compliance with platform policies and community standards.
- Enhanced role-based access control using **CASL** in **NestJS**, securing permissions for **admins**, **creators**, and **spectators**.
- Implemented a **ticketing system** with **Freshdesk** to streamline reporting and issue resolution processes.
- Leveraged **RabbitMQ** for asynchronous task handling in **content moderation** and analytics pipelines.
- Managed AWS-based deployments using PM2 and Docker, ensuring the reliability of analytics tools, moderation systems, and data pipelines.

Omnie Solutions
Software Developer   *Jan 2024 - July 2024, Noida, Delhi*

- Designed solutions for efficient API utilization and scalability, ensuring seamless integration and optimal performance in high-traffic environments, resulting in a 30% improvement in response times.
- Successfully integrated **DocuSign's signature API** for third-party integration projects, streamlining document signing workflows and reducing processing time by 25%.
- Ensured compliance with legal requirements and a seamless user experience for over 500 users using **DocuSign's** services.
- Utilizing **Docker and PM2** for server-side management, ensuring reliable deployment, monitoring, and scaling of applications.
- Designed and implemented high-end **webhooks** in a **monorepo architecture**, enhancing **real-time communication** and data synchronization across 10+ services and components.

Novagems Inc
Software Engineer   *Jun 2023 - Dec 2023, Mohali, Punjab*

- Designed, developed, and maintained Backend services and **RESTful APIs** using **Node.js, Express.js, and NestJS** technologies.
- Troubleshooted and debugged technical issues in both production and development environments, reducing system downtime by 25%.
- Introduced **AWS SNS/SES service** for mobile and web application notifications, improving real-time communication and email delivery, enhancing email delivery rates by 20%.
- Implemented **cron jobs and agenda scheduling** to automate recurring tasks such as email sending, timesheets management, and guard notifications.
- Developed a real-time **Geo-statistical location** tracking system for guards, enhancing security and monitoring.
- Created a Timesheet module to manage pay and bills for all clients and workers according to different rates and rules, reducing payroll processing time by 30%.

Kochar Infotech Ltd
Fullstack Developer   *Jun 2022 - May 2023, Gurugram*

- Develop Search Service Using **Typesence Search Engine**.
- Colaboration of **Wasabi Cloud** using **AWS SDK** in Backend, involves CRUD operations in buckets, creating **presigned expiration URLs** etc.
- Integration of **TinyMCE** Editor over summernote in Angular
- Integrated **Keycloak** into an **Angular** project using **Google OAuth 2.0**, enhancing security and user authentication.
- Implemented **Apache Tika** in Python within a Docker container to extract metadata from text/HTML, integrated with TinyMCE editor, improving data processing efficiency by 30%.
- Converted PDF and DOC file formats to HTML content using Python and Docker, streamlining content management by 25%.
- Developed a search service using Typesense search engine, boosting search performance and accuracy by 40%.
- Introduced user role-based, multilingual, and multi-versioning modules in Angular, enhancing application flexibility and user experience.

SKILLS

Backend	Node.js, Nest.js, Javascript, Typescript, Express.js, JAVA, CPP
Frontend	HTML, CSS, Angular, React, XML, JSON
Database	MongoDB, SQL, Postgres, Redis, Typesence, Eventstore
Misc.	Git, GitLab, Docker, PM2, AWS, Data structures and Algorithms, RabbitMQ