AKANKSHA SINGH

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Sector 106, Noida

EXPERIENCE

Backend Developer: (Hexadecimal Software Pvt Ltd.)   **April 2021 - December 2022**

- Architected a scalable backend system for 5,000+ users, providing health-conscious food options, calorie calculations with certified nutritionists, and features like subscription management, automated payments, and recurring orders.

- Developed RESTful APIs for user authentication, provider listings, search, and ordering, incorporating best practices for error handling and security, which led to a 30% improvement in API performance.
  Technology Used: NodeJS, ExpressJS, PostgreSQL, MongoDB, Mongoose, AWS, Docker.

Full Stack Developer: (Hexadecimal Software Pvt Ltd.)   **February 2022 - Present**

- Organized project file structures for improved clarity and conducted code reviews for 80% of the backend codebase to ensure quality and maintainability.

- Enhanced code quality and reliability by integrating unit testing, code coverage, and continuous integration and deployment practices, leading to a 20% reduction in production bugs.

- Revamped the platform's front end to boost user experience, resulting in a 25% increase in mobile traffic.
  Technology Used: ReactJS, NextJS, Chakra UI

PROJECTS

Nutritt | ReactJS, NodeJS, ExpressJS, PostgreSQL | Project Link

- Implemented a food delivery platform similar to Zomato, specializing in providing meals with precise calorie calculations to support health-conscious choices.

- Implemented APIs for seamless registration with multiple roles, role based API's and access, login, and user kitchen diary management.

- Handled feature access and application functionality based on user roles, including managing the order placement flow to ensure appropriate permissions and a streamlined user experience.

HexaHome | NextJS, NodeJS, ExpressJS, MongoDB | Project Link

- Contributed to HexaHome, a platform that revolutionizes real estate transactions by providing a commission-free solution for buying, selling, and renting properties.

- Implemented features to onboard agents and builders, allowing them to list all types of properties with real estate certification verification.

- Designed and documented the feature and API contracts using Confluence and Postman, ensuring clear understanding and ease of maintenance for code structure and behavior.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, SQL, C, C++

Frameworks: ReactJS, NodeJS, NextJS, ExpressJS.

Databases: MySQL, MongoDB.

Tools & Technologies: Git, Postman, Jira, AWS, Docker, Confluence, VS Code, Chakra UI, TypeScript
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EDUCATION

Chhatrapati Shahu Ji Maharaj University,
Kanpur, UP

Bachelors in Computer Science   **July 2017 - June 2020t**

One-Year Computer Certificate in Development

References are available on request.