

Ankit Kumar Jha

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SKILLS

PROFICIENT: JAVASCRIPT/TYPESCRIPT, NODE.JS, EXPRESS.JS, MONGODB, REDIS, WEBSOCKETS

VERSION CONTROL: GITHUB, GITLAB

API DESIGN: RESTFUL API, GRAPHQL

OTHER TOOLS: ELASTICSEARCH, RABBITMQ, SWAGGER/OPENAPI DOCUMENTATION

WORK EXPERIENCE

NINELEAPS | SOFTWARE DEVELOPMENT ENGINEER - 3

Bengaluru | July, 2019 – Present

- **Backend Development:** Designed and implemented robust, scalable backend architectures using Node.js and Express.js, ensuring optimized performance for high-traffic applications.
- **RESTful APIs:** Developed and maintained RESTful APIs to support seamless client-server communication, integrating with various external services and databases.
- **Certificate generation systems** with templating, reporting, and QR-based authentication, scaling up to 2M+ certificates.
- **Database Management:** Built efficient database schemas and queries for MongoDB, ensuring data integrity and optimized retrieval processes. Implemented advanced indexing strategies for performance enhancement.
- **Microservices Architecture:** Spearheaded the transition of monolithic applications to microservices, enabling modular development, reduced dependencies, and easier scaling.
- **Cross-functional Collaboration:** Worked closely with front-end developers, product teams, and QA to deliver end-to-end solutions aligning with business goals.
- **Code Review & Mentoring:** Conducted peer code reviews and mentored junior developers to promote best practices and ensure adherence to industry standards.
- **Version Control & CI/CD:** Collaborated via GitHub for version control, implemented CI/CD pipelines with Jenkins or GitHub Actions to enable automated deployments.
- **Led API integrations** with third-party services like Azure Communication Services S3, Twilio, Wati, Discourse, ensuring secure and seamless workflows.
- **Developed comprehensive API documentation** using Swagger/OpenAPI. Established coding standards and performed regular code reviews to ensure maintainability.

PROJECTS AND ACHIEVEMENTS

CERTIFICATE AUTOMATION | NODE, REST APIs, EXPRESS, JADE, PUPPETEER

Automated the generation and authentication of digital certificates via QR codes, serving 2M+ users.

FEEDBACK SERVICE | NODE, MONGODB, EXPRESS, POSTGRES, REST APIs

Designed a unified feedback framework handling millions of responses daily, with multilingual and adaptive survey support.

AUTHENTICATION / AUTHORIZATION

Leading initiatives on integrating OAuth2 and JWT authentication, ensuring secure access control for sensitive systems.

HIGH-PERFORMANCE SYSTEMS:

Improved API response times by 30% by employing caching strategies using Redis and optimizing middleware.

MENTORSHIP & LEADERSHIP

Mentored junior developers on Node.js best practices, coding standards, and performance optimization techniques. Led a team of developers to deliver critical projects under tight deadlines with a focus on quality and scalability.

