Ankit Thakur

Senior Software Associate (Node.js)
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Professional Summary

Results-driven Node.js Developer with 4.5 years of experience in designing, developing, and deploying scalable web applications and microservices. Proficient in JavaScript, TypeScript, Express.js, and NestJS, with strong expertise in building RESTful APIs, GraphQL services, and real-time applications. Skilled in working with SQL & NoSQL databases, cloud deployments (AWS, Azure DevOps), and DevOps tools. Adept at optimizing backend performance, integrating third-party APIs, and delivering high-quality solutions in fast-paced environments.

Proficient in using **AI tools** like ChatGPT, Cursor AI, GitHub Copilot, Amazon Q, Qodogen, and Roboflow to enhance productivity, code quality, and automation.

Technical Skills

- **Languages:** JavaScript, TypeScript, HTML, CSS, EJS

- **Frameworks & Libraries:** Node.js, Express.js, NestJS, Expresso TS, Jest

- **Databases:** MongoDB, MySQL, PostgreSQL, Redis

- **Cloud & DevOps:** AWS (EC2, S3), Azure DevOps, Firebase, Docker, CI/CD

- **Messaging & Caching:** Redis (cache & message broker), BullMQ

- **APIs & Communication:** REST, GraphQL, WebSockets, Twilio, Google APIs, Stripe

- **Other:** Microservices, Deployment strategies, Requirement Analysis, Code Quality Practices, Technical Documentation, Database Design & Optimization

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Professional Experience

Senior Software Associate (Node.js)

Ditstek Innovation | Mohali | Oct 2021 – Present

- Designed and developed RESTful and GraphQL APIs using Node.js, Express.js, and NestJS.

- Built and maintained microservices architecture, utilizing Redis as cache and message broker.

- Developed real-time features using WebSockets for seamless user interaction.

- Integrated MongoDB, MySQL, and PostgreSQL databases for diverse use cases.

- Implemented BullMQ for background jobs, queues, and scalable task processing.

- Automated deployments using Bitbucket CI/CD and Azure DevOps.

- Managed deployments on AWS (EC2, S3) ensuring high availability and security.

- Collaborated with cross-functional teams for requirement gathering, analysis, and delivery.

Key Projects:

- **CareHalo (Remote Patient Monitoring System):** SaaS-based healthcare IoT platform enabling preventive care and chronic disease management. Provided tools for patient monitoring, program management, and workflow automation.

- **EMS (Energy Management System):** Built a platform to monitor and reduce energy costs across buildings with real-time tracking and analytics. Key modules included dashboards, device management, hierarchy grouping, and advanced reporting with CSV/PDF exports.

Node.js Intern

Apptunix | Mohali | Mar 2021 – Sep 2021

- Built CRUD operations and backend modules using Node.js, Express.js, and MongoDB/MySQL.

- Developed a School Management System as a backend training project with role-based access.

- Learned and applied Git, Postman, deployment basics, and API testing.

Key Projects:

- **Dating App:** Developed features like authentication, profiles, chat APIs, and matching algorithms.

- **Bricks and Bobs (Construction Marketplace):** Built backend APIs for buying/selling construction products with roles, transactions, and admin panel. Deployed on AWS EC2.

Education

- **Diploma in Computer Science Engineering — 2021**

- **10+2 (Non-Medical) — 2017**

Additional Information

- Strong problem-solving and debugging skills.

- Excellent teamwork and communication abilities.

- Passionate about learning new backend technologies and system design.