

Swapnil Bhalerao

Node.js Developer | 2.5 Years Experience

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EXPERIENCE SUMMARY

- Node.js Developer with 2+ years of experience in building scalable, high-performance backend applications.
- Expertise in developing RESTful APIs, GraphQL services, and microservices architectures using Node.js.
- Successfully improved API response times by 40% through optimisation techniques like caching and database indexing.
- Strong experience in cloud deployment (AWS, Azure, Firebase) and serverless architectures.

SKILLS

Backend Technologies	Node.js, Express.js, NestJS, TypeScript, JavaScript (ES6+), RESTful APIs, GraphQL, WebSockets, Socket.IO, gRPC, React.js
Database & Storage	MongoDB, PostgreSQL, MySQL, Redis, Firebase, AWS DynamoDB, Cassandra, Elasticsearch
Authentication & Security	JWT, OAuth 2.0, SAML, Firebase Auth, Role-Based Access Control (RBAC), OWASP Security Best Practices, API Gateway Security
Performance Optimization	Load Balancing, Caching Strategies (Redis, Memcached), Database Indexing, Lazy Loading, Code Splitting, CDN Integration
Cloud & DevOps	AWS (Lambda, S3, EC2, RDS, API Gateway, CloudWatch), Azure Functions, Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, Jenkins, CircleCI)
Testing & Debugging	Jest, Mocha, Chai, Supertest, Postman, New Relic, Sentry, Performance Profiling
Other Tools & Practices	Agile, Scrum, Jira, Microservices Architecture, Serverless Computing, WebSockets, Message Queues (RabbitMQ, Kafka, NATS), WordPress

WORK EXPERIENCE

Backend Developer - Subcodevs IT Solutions (Startup) 10/2022 – 04/2025 Noida

- Designed and developed scalable microservices using Node.js & Express.js, handling 10K+ concurrent requests.
- Improved database efficiency by reducing query execution times by 50% with Redis caching and indexing.
- Built real-time applications using WebSockets and Socket.IO for live chat and event-based systems.
- Secured REST APIs using JWT-based authentication and implemented OAuth 2.0 authorisation flows.
- Led a team of 5+ backend engineers, mentoring them on best coding practices and system design patterns.

Junior(Intern) Backend Developer - Nextra IT Solutions (Startup) 📅 06/2022 – 10/2022 📍 Delhi

- Developed backend APIs using Node.js and MongoDB, supporting multiple front-end applications.
- Integrated third-party services like Stripe for payments and Firebase for real-time notifications.
- Implemented unit and integration testing using Jest and Supertest, ensuring 90%+ test coverage.
- Migrated monolithic backend services to microservices architecture, improving maintainability.
- Worked with DevOps engineers to deploy applications on AWS using Docker and Kubernetes.

Featured Projects (Self-initiated, freelance, open-source, or personal projects)

- Real-time Chat Application: Built a chat system using WebSockets and Redis, enabling real-time messaging with typing indicators and message persistence.

(<https://user.pocketi.app/>)

EDUCATION

Course	Board/University	Year	Percentage
Bachelor of Technology	Dr.BATU University	2017-2021	77%

CERTIFICATIONS

- Backend Development And API(Node.js) – [FreeCodeCamp](#)
- Software Engineer– [HackerRank](#)
- Solutions Architecture Job Simulation – [Forage](#)

ACHIEVEMENTS

- Open-Source Contributor: Developed a Node.js middleware used by 500+ developers worldwide.
- Tech Speaker: Delivered sessions on Node.js performance optimisation at developer meetups.
- Performance Improvement Initiative: Reduced server response times from 1.2s to 300ms using caching and optimisations.
- Mentorship & Training: Trained junior developers in Node.js, API security, and cloud deployment.

ADDITIONAL INFORMATION

- Availability: Immediate
- Preferred Job Location: Open to all locations