Aditya Kushwaha

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Summary

Detail-oriented and innovative **Node.js Developer** with strong computer science fundamentals and experience building **scalable backend systems, APIs, and real-time applications**. Skilled in **Node.js, Express.js, and MongoDB**, I enjoy designing efficient architectures, writing clean and tested code, and collaborating across teams to deliver production-ready solutions. Passionate about **AI-driven and data-centric applications**, I'm eager to apply my skills to create intelligent backend systems that enhance guest experiences and streamline operations.

Technical Skills

Languages: JavaScript (Node.js), Python, Java, SQL, PHP, NoSQL (MongoDB)
Frameworks: Node.js, Express.js, React.js, Flask, FastAPI, TensorFlow, Keras, REST API
Tools & Platforms: Git, Docker, Redis, Postman, VS Code, IntelliJ IDEA, GitHub Actions
Core Competencies: Backend Development, API Design, System Integration, Testing, Code Reviews
Soft Skills: Communication, Collaboration, Adaptability, Rapid Learning, Problem Solving

Experience

Backend Developer Intern — Testlify (HNR Tech Pvt. Ltd.)
(Mumbai, India | June 2025 – August 2025 (On-site)

- Wrote production-ready APIs using **Node.js**, Express.js, and MongoDB that supported the company's SaaS platform.
- Actively participated in code reviews, incorporated peer feedback, and improved code quality and readability.
- Collaborated with cross-functional teams (frontend, QA, product) to design, test, and deploy new backend features.
- Improved caching and response times using Redis; optimized database queries to reduce latency.
- Contributed to the CI/CD pipeline setup, ensuring smooth deployments and faster iteration cycles.
- Learned internal systems rapidly through mentor sessions and independent exploration, delivering results ahead of deadlines.

Projects

Foodie Hub — Full-Stack Food Delivery App (React, Node.js, MongoDB)

- Built RESTful backend services with JWT authentication and integrated Stripe payment gateway for real transactions.
- Managed deployment, error handling, and data persistence using Express and MongoDB.
- Wrote modular, well-tested code and performed manual and automated testing before feature releases.

Squamous Oral Cell Carcinoma Detection — Deep Learning Model (Patent Pending)

- Designed and trained a CNN (VGG16-based) for medical image classification using TensorFlow.
- Focused on optimization, reproducibility, and clear experiment documentation.

E-Commerce Platform — PHP, JavaScript, SQL

- Developed user authentication, product catalog, and order management system.
- Practiced writing clean pull requests and debugging collaboratively in a shared repo.

Education

Bharati Vidyapeeth Deemed to be University — Pune, India
B.Tech in Computer Science (2022 – 2026) | GPA: 9.69

- Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Software Engineering, Machine Learning

Achievements

- Smart India Hackathon 2023: Qualified College Round.
- Tech Expression 2025: Ranked Top 10 for technical problem-solving.
- Grid 6.0 Hackathon: Developed scalable full-stack solutions in national competition.
- Delivered presentation on *Software & AI Standardization* at BIS Technical Forum.
- GDSC(Google developer student club) winner (2023)