

SHUBHAM VERMA

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Summary

Software Engineer with 2.5 years of experience in building **scalable backend systems** using **Node.js, AWS, Redis, and Docker**. Crafted and implemented **high-performance architectures**, reducing latency and automating workflows. Led key projects that improved efficiency and user engagement.

Skills

- Languages - JavaScript | TypeScript | Python | Java
- Database - MongoDB | Redis | SQL
- Framework - AWS | HapiJs | Express | NodeJS | Spring Boot
- Others - Jira | Git | REST API | Docker | System Design | DSA | Microservices | Kubernetes

Experience

Software Engineer

Appiness

Bengaluru

July 2024 - Mar 2025

- Engineered scalable APIs and asynchronous background workers for managing first- and third-party proprietary licenses using **Node.js, AWS Lambda, Redis and RabbitMQ**, efficiently handling **millions of license requests daily** with minimal latency.
- **Architected large-scale backend systems** for a multi-tenant SaaS platform, ensuring high availability and performance under heavy workloads.
- **Increased user engagement by 42%** and **reduced manual effort by 75%**, generating **₹2.5 crore revenue** within two months post-launch of the pilot version.
- Implemented enterprise applications of Prime Content Experiment Platforms using **JavaScript, SQL** and **AWS**.
- Supervised and mentored a team of four interns, conducting code reviews and ensuring timely project delivery.
- Managed CI/CD pipelines, pull requests, conducted code reviews, and performed load/stress testing.
- Contributed to backend development using Java and Spring Boot, assisting in building RESTful APIs and improving data processing efficiency.

Prompt Engineer (Freelance)

Micro1

Remote

Jan 2024 - Oct 2024

- Led prompt engineering and model training, refining responses with precise feedback across languages like Python, **Java** and **Html**.
- Designed feedback systems to monitor performance, driving continuous improvement and alignment with project needs
- Developed and embedded feedback mechanisms to track model performance, ensuring continuous improvement and adaptation to evolving project requirements.

Software Engineer

AmyGB.ai

Remote

July 2022 - Oct 2023

- Deployed a high-performance intelligent document processing platform using Node.js, Hapi.js, and MongoDB; automated core workflows and improved enterprise operational efficiency by streamlining document routing and validation.
- **Cut document processing time by over 80%** by building an event-driven notification system that replaced manual tracking, significantly boosting productivity.
- Built a scalable Google Chat and email automation system with Python and Django, enabling real-time monitoring of critical alerts and reducing response time for high-priority incidents.
- Designed a dynamic reporting infrastructure generating PDF/Excel outputs and integrated it with an interactive React-based analytics dashboard to deliver real-time insights and enhance stakeholder visibility.

Software Engineer

ProactiveForHer

Bengaluru

Mar 2022 - June 2022

- Spearheaded the development of a patient prescription PDF generation system from the perspective of healthcare providers.
- Initiated the project with a focus on frontend PDF generation for user download, later streamlined the architecture to a backend approach by using **Typescript, PDFKIT** and **AWS Lambda** for serverless execution

Education

Bachelor of Technology - Electrical Engineering, MAKAUT

GPA: 6.92/10

Mentorship

- Mentored aspiring backend developers in Node.js and JavaScript at Function Up, delivering hands-on guidance and fostering a deeper understanding of backend concepts and best practices.
- Led interactive doubt-clearing sessions, simplifying complex technical topics and improving student clarity and confidence through real-time problem-solving and feedback.