

Sumit Kumar Shaw

+91-801093887 | shawsumit6286@gmail.com | linkedin | github | Portfolio

Education

VIT University, B.Tech in Computer Science and Engineering 10/2022 - 04/2026

- CGPA: 8.82/10

Experience

Backend Intern, Koach 04/2025 – present

- Mapped out the backend architecture and website functionality utilizing Figma to create intuitive user flows and design mockups, reducing development time by 15% due to more streamlined workflows.
- Engineered and maintained 3 key production-level backend features, including user authentication and data validation modules, under the guidance of senior developers in a high-growth startup setting.
- Collaborated with 2+ senior developers on scalable backend systems, contributing to production-level code across private GitHub repos. Gained experience in CI/CD workflows, version control, and code reviews.
- Implemented client-side routing with React Router on a full-stack application, supporting modular development and reducing page load times by 600ms across 10+ views.

Projects

SnipLytx | *(live)(github)* Spring Boot, PostgreSQL (Neon DB), JWT, Docker, React 01/2025 – 04/2025

- Developed a scalable URL shortener using Spring Boot and PostgreSQL (Neon DB), handling 10K+ concurrent requests with 99.99% uptime.
- Applied click tracking, custom expiration, and analytics, increasing user engagement and control by 30%.
- Integrated advanced security features, including JWT authentication, rate limiting (100 req/min), and input validation, ensuring secure and compliant API usage across environments.
- Containerized the app with Docker, enabling CI/CD deployments and reducing release time by 70%.

SkyLance | *(live)(github)* NextJs, TypeScript, Dwolla, Appwrite, Sentry, Rest API 07/2024 – 09/2024

- Developed a robust online banking platform using Node.js 14, TypeScript, and Appwrite for seamless user experience across desktop and mobile devices.
- Integrated Dwolla and Plaid, enabling secure processing of 500+ transactions per day and ensuring smooth, real-time payment workflows.
- Enhanced platform stability with Sentry, reducing critical error response time by 40%, ensuring 99.5% uptime for 5000+ active users.
- Designed and executed RESTful APIs for user onboarding and transaction management, improving system reliability and reducing backend response time by 25%.

Technical Skills

Frameworks & Libraries: Spring Boot, React.js, Node.js, Next.js, Express.js

Languages Tools: Java, JavaScript, HTML/CSS, Git, VS Code

Database & Cloud: MySQL, PostgreSQL, AWS S3

Certifications

AWS Academy Graduate: AWS Academy Cloud Architecting ([link](#))

IBM Career Education Program: DevOps Fundamentals ([link](#))

Achievements

- Social Volunteering:** Volunteered under NSS and Unnat Bharat Abhiyan, driving impact across 11+ underserved regions in Madhya Pradesh. Led efforts in digital literacy, rural education, and sanitation outreach.
- School Leadership, House Captain:** Led a team of over 50 students in inter-house competitions, fostering teamwork and achieving top finishes across academic, cultural, and sports events