Akanksha Jha

MERN Stack Developer | Software Developer | Full Stack Developer | Full Stack Engineer

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EXPERIENCE

07/2023 – Present **Full Stack Developer – MERN, Next.js, Nest.js**   **Deloitte USI**

- Built microservices using **Java Spring Boot** and **Node.js**, optimized API latency by 38%, and implemented **role-based access control** using Angular guards, Spring Boot auth, and MongoDB schema permissions.
- Developed scalable UI with **Angular 14+**, **RxJS**, Lazy Loading, and integrated Spring Boot REST APIs, reducing page load by 45% and improving user experience across internal portals.
- Migrated legacy systems to **AWS cloud-native stack** using **Lambda, EC2, S3**, and implemented secure BFF architecture in an **Nx Monorepo** setup, enabling micro frontend integration with React and Angular.
- Delivered CI/CD pipelines using **Jenkins, Docker, GitHub Actions**, integrated API documentation with Swagger/Postman, and collaborated in Agile teams across US, India, and EMEA regions for sprint delivery.

07/2022 – 12/2022 **Cybersecurity Intern**   **Centre for Railway Information Systems (CRIS)**

- Performed penetration testing using **OWASP ZAP**, **Kali Linux**, and manual techniques on Java, Node.js, and Django apps; identified unhandled errors, broken logout flows, tech stack exposure, and 20+ critical vulnerabilities including XSS and injection risks.
- Reported security gaps with detailed audit logs and remediation steps; collaborated with IT teams to implement secure coding practices and fix compliance issues, reducing vulnerability footprint by 25%.

EDUCATION

07/2019 - 08/2023 **Bachelor of Technology in Computer Science and Engineering - 8.94 CGPA**   **Banasthali Vidyapeeth, Jaipur**

Focused on software engineering, web development, database systems, and data structures. Completed major coursework in system design and full-stack architecture.

SKILLS

Languages: Java, JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL, Python, .Net, C++

Frontend: Angular12+, React.js, Next.js, JavaScript(ES6+), RxJs, NgRx, HTML5, Redis, Redux, Context API, Tailwind CSS, Bootstrap, CSS3, Less, SSR

Backend: Java (Spring Boot), Node.js, Express.js, Nest.js, REST APIs, JWT, OAuth2

Database: MongoDB, MySQL, Firebase, MongoDB Atlas, Oracle SQL

Tools: Git, GitHub, Postman, Swagger, Jenkins, Kuberentes, OpenShift, AWS (S3, Lamda, EC2), CI/CD, Vercel, Netlify, Jira, VS Code, Confluence, IntelliJ

Testing: Jest, Jasmine, Supertest, Karma, Cypress, React Testing Library, Postman API Tests

Certifications: AWS Cloud Practitioner, Microsoft AZ-104 - Azure Administrator, MongoDB for Developers, Responsive Web Design, SAFe Agile Certified, HackerRank Certified Full Stack Developer

PROJECTS

Full Stack **E-Commerce Platform (Next.js + Nest.js)**   **GitHub**

Built a scalable e-commerce app with Next.js for SSR, Nest.js for backend, and MongoDB Atlas. Integrated JWT auth, cart functionality, and Stripe payment gateway, improving transaction success rate by 30%.

Backend API **Blogging Platform API (Nest.js + MongoDB)**   **GitHub**

Created a modular backend for a blogging app using Nest.js with complete CRUD, authentication, and role-based access. Enabled efficient content workflows and reduced integration time by 35%.

Java **ATM Management System**   **GitHub**

Developed a secure Java-based ATM system simulating deposit, withdrawal, and transaction history. Used object-oriented design and encrypted credential handling to minimize transaction failures.