Ankit Jha

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Professional Summary

Full Stack Software Engineer with 4 years of experience designing and delivering scalable web applications, microservices, and cloud-based solutions using Node.js, TypeScript, React, Angular, PostgreSQL, and AWS. Experienced in insurance, clean energy, workforce management, and sports technology domains with a proven record of improving system performance, automating business processes, and building enterprise-grade software. Open to relocation across the UAE.

Technical Skills

Backend: Node.js, Express.js, NestJS, Spring Boot, Microservices, REST APIs, Sequelize, Drizzle ORM, API Gateway Integrations
Frontend: React.js, Next.js, Angular, TypeScript, Redux Toolkit, Zustand, Tailwind CSS, Material UI
Databases: PostgreSQL, MySQL, MongoDB, Redis
Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, CI/CD, Nginx, Apache
Messaging & Search: RabbitMQ, Elasticsearch
AI & Automation: MCP, AI Agents, Agentic Workflows, Prompt Engineering, GitHub Copilot, Cursor AI
Languages: JavaScript, TypeScript, Java
Engineering Practices: OOP, Design Patterns, Agile/Scrum, Unit Testing, Code Reviews, Clean Architecture

Experience

Software Engineer, NeoSoft – Mumbai, India — Nov 2025 – Present

- Developed a scalable insurance platform supporting policy issuance, KYC verification, premium calculation, payment processing, policy generation, and document delivery workflows.
- Designed event-driven microservices using Node.js, TypeScript, Express.js, and Sequelize, enabling independent deployment and scaling of critical business services.
- Automated document validation and processing workflows using AWS Lambda and rule-based pipelines, reducing manual effort and improving operational efficiency.
- Built Angular portals and React-based administration dashboards supporting real-time policy tracking and workflow management.
- Implemented Zod validation, Sentry monitoring, and Elastic APM observability across distributed services, improving reliability and issue resolution time.

Software Engineer, Oditek Solutions – Bhubaneswar, India — Jan 2023 – Nov 2025

- Developed Olsights Portal for clean energy analytics with User Management, Analytics, and Auto Sync modules, improving dashboard load times by 30% through optimized API queries and data aggregation using Node.js and Express.js.
- Reduced map initialization time from minutes to under 20 seconds by optimizing GIS layer rendering and spatial database queries in Rapid Evaluation Areal Connection Tool, serving 100+ regular users using Next.js and PostgreSQL.
- Built IES Portal with Workforce Management, IC-Compliance, Invoices, and Document Management modules using Angular and Node.js, reducing compliance processing time by 25% through automated workflow tracking.
- Led development of the DRIX sports platform using Angular, TypeScript, Express.js, and REST APIs, implementing role-based access control, league management, event scheduling, and user engagement features that increased daily active users by 20%.
- Designed and implemented microservices modules with Spring Boot and PostgreSQL, enabling independent service deployments and reducing release-related incidents by 15% for enterprise clients.
- Awarded Energizer of the Year twice for driving performance improvements and implementing CI/CD automation solutions across team projects.

Education

Centurion University, Bachelor of Technology in Computer Science — Sept 2019 – Jun 2023