

JUDE ASHIN

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SUMMARY

Results-driven Backend Developer with a proven track record of building scalable APIs and optimizing backend performance. Skilled in Node.js, Express, Nest and database design. Seeking a challenging role to leverage technical expertise and deliver efficient, reliable server-side solutions.

WORK EXPERIENCE

Backend Developer – Inox Arabia, Dubai Feb 2025- Oct 2025

- Built a full-scale social media platform from scratch with real-time video calling (Socket.io), live chat (WebSocket), and blog modules, developed and deployed within 3 weeks.
- Optimized server scalability and performance to support 500+ concurrent users, achieving 99.9% uptime and 60% faster response times using Node.js (Express) and MongoDB.
- Implemented global video streaming via AWS CloudFront and Cloudflare, reducing content delivery latency by 85% for international users.
- Reduced infrastructure costs by 83% through Dockerizing multi-server deployments into a single EC2 instance, automating CI/CD pipelines, and managing DNS via AWS Route 53.

Angular & NestJS Developer - ABS HRMS Jul 2023 - Dec 2024

- Developed two enterprise-level systems (ERP & HRMS) covering lead, sales, service, inventory, warehouse, and manufacturing modules using Angular, NestJS, and MySQL.
 - Automated HR workflows including attendance, leave, PMS, and payroll modules, improving process accuracy and efficiency across 5,000+ employee records with zero errors.
 - Optimized database architecture by migrating raw SQL data to structured MySQL systems, reducing query execution time by 40% and ensuring seamless performance under peak load.
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EDUCATION

Bachelor of Engineering in Computer Science Aug 2019 - Jun 2023

Anna University of Engineering and Technology

- “Specialized in Computer Science and Engineering with a thesis on ‘Innovations in Sustainable Software Systems,’ securing a CGPA of 8.20.”

Higher Secondary (HSC) in Computer Science Jun 2017 - May 2019

Tamil Nadu State Board

- Secured 70% in HSC examinations.
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ADDITIONAL INFORMATION

- **Key Skills:** Node.js, Express.js, NestJS, JavaScript, TypeScript, Angular, RESTful APIs, Python, Microservices Architecture, Git
- **Databases:** MongoDB, MySQL, PostgreSQL, TypeORM, Prisma, Sequelize, Redis, NoSQL
- **DevOps & Cloud:** AWS (EC2, S3, CloudFront, Lambda), Cloudflare, Docker, CI/CD Pipelines
- **Languages:** English, Malayalam, Tamil