

ISHU KUMARI JASRAJPURIA

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Professional Summary

Fullstack Software Engineer with 5 years of experience designing and delivering scalable systems using Node.js, TypeScript, React, and cloud platforms (AWS, Azure). Strong expertise in backend architecture, API design, and distributed systems, with track record of building reliable, maintainable solutions. Experienced in leveraging AI tools and cloud technologies to solve real-world problems.

Technical Skills

Programming Languages:	JavaScript, TypeScript, Python, C++, HTML, CSS
Backend Technologies:	Node.js, Express.js, Kafka, REST APIs
Frontend:	React, Next.js, Bootstrap, Tailwind CSS
Databases:	PostgreSQL, MySQL, MongoDB, Redis
Cloud & DevOps:	AWS (S3, EC2, Lambda, SNS, SQS, ECR, ECS), Azure, Docker, Kubernetes, CI/CD (GitHub Actions, CircleCI)
Other Skills:	System Design, Data Structures & Algorithms, OpenAPI/Swagger, Unit & Integration Testing (Jest, Mocha)

Work Experience

H&M (Software Developer) Bengaluru, India (Mar 2025 - Present)

- Led the migration of a legacy PHP/Laravel CMS to a Node.js + TypeScript backend, designing and delivering 50+ RESTful APIs — improving performance by 40%, enabling a seamless internal CMS for 1,000+ employees, and reducing maintenance overhead.
- Implemented centralized token-based authentication and input validation systems, reducing API error rates by 35%.
- Planned and executed a seamless CMS migration strategy, reducing legacy system dependencies by 60% in the first release while minimizing user disruption and ensuring smooth adoption.
- Optimized relational database design using Prisma ORM and MySQL, implementing efficient indexing and schema redesign to improve query performance and reduce API response times by 25%.
- Designed and implemented CI/CD workflows and automated deployment pipelines using GitHub Actions, cutting release time by 50%, optimizing iteration cycles for ongoing development.
- Architected and deployed scalable and secure backend services on Azure (SQL, App Services, Key Vault) to ensure high availability, low-latency performance, and robust data security.

Antwalk (Senior Backend Developer) Bengaluru, India (Aug 2024 - Mar 2025)

- Enhanced and scaled a Node.js + Express-based learning management system to handle high concurrent traffic, large media files, and complex queries, achieving a 30% performance improvement and ensuring high availability for all users.
- Redesigned report generation workflow by creating dedicated reporting tables in PostgreSQL and scheduling off-peak data preparation jobs, reducing load on primary application tables and enabling low-latency, high-performance report fetching without impacting learning dashboard APIs.
- Implemented a serverless architecture with AWS Step Functions and Lambda to automate data movement, table optimizations, and cleanup — improving reporting efficiency.

Cashinvoice (Fullstack Software Developer) Bengaluru, India (Aug 2022 - Jul 2024)

- Optimized HDFC Bank's approval workflows by building React-based Excel upload interfaces and applying caching — reducing load times and improving overall efficiency by 40%.
- Built a React-based scalable business intelligence dashboard with real-time analytics, providing transaction insights to enhance client decision-making. Actively used by 1,000+ clients.

Projects

Smart PR Assistant - AI-Powered PR Enrichment Tool (Python, OpenAI, Atlassian, GitHub API)

- Developed a CLI tool, that generates PR titles/descriptions using Jira & Confluence APIs. Integrated with OpenAI to process the aggregated context and automated PR creation from feature branches to its parent branches, improving review quality & accelerating code review cycles by 30%.

Education

Dayananda Sagar College of Engineering
BE Electronics And Communication

Bengaluru, India
Aug 2017 - Jun 2021