

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