

RAVI KANT PRASAD

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SUMMARY

Full-stack Software Engineer with 3+ years of experience building scalable web applications using MERN, Angular, and Java. Strong in system design, performance optimization, and distributed systems.

EXPERIENCE

Byteridge

Software Development Engineer II | Nov 2024 – Present

- Contributed as a Full Stack Engineer to AI-powered Assist features by building UI and Java middleware enabling conversational compliance queries and intelligent site search.
- Engineered high-impact UI modules for a large-scale HR platform using StencilJS and Angular.
- Led frontend development for a Debt Collection system, streamlining workflows.
- Built and scaled features for a VISA application platform (MERN stack), including APIs and UI across multiple services

Software Development Engineer I | Feb 2023 – Oct 2024

- Developed a centralized employee platform with modules like KPI tracking, worklogs, and team management.
 - Led a full-stack MERN project with real-time communication (Socket.io, PubNub).
 - Built a CMS for a Gift Card platform as the primary developer, delivering reusable APIs and UI components.
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PROJECTS

StepwiseJS (Workflow Engine)

- Built a distributed workflow orchestration engine with retries, persistence, and event-driven execution
- Designed a push-worker architecture with crash recovery and concurrency control
- Implemented safe distributed job execution using PostgreSQL SKIP LOCKED and optimistic locking
- Tech stack – Node.js, TypeScript, Drizzle ORM, SQLite & PostgreSQL

Card Radar (Credit Platform + CMS)

- Developed a full-stack credit card discovery platform with admin CMS for dynamic content management
 - Deployed scalable systems using AWS (EC2, S3) with CI/CD pipelines and Turborepo
 - Tech stack – Next.js, Express, PostgreSQL & Tailwind.
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SKILLS

Languages: JavaScript, TypeScript, Java

Frontend: React.js, Next.js, Angular, StencilJS, Tailwind

Backend: Node.js, Express, Spring Boot

Databases: PostgreSQL, MongoDB, Redis

Tools: AWS, Docker, Git

EDUCATION

B.Tech, Computer Science — MCKV Institute of Engineering (2022) | GPA: 8.95

ACHIEVEMENTS

- Future Stars Award – Byteridge
 - Value Champion (Ownership, Growth Mindset) – Byteridge
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