

# AMRENDRA CHAUDHARY

Senior Full Stack Engineer · Java · Spring Boot · React.js / Next.js · Node.js · AWS · 5+ Years  
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## PROFESSIONAL SUMMARY

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Full Stack Engineer with 5+ years of experience architecting and shipping scalable, high-performance enterprise applications across fintech, healthtech, e-learning, and e-commerce domains. Expert in Java, Spring Boot, React.js, Next.js, Node.js, MongoDB, MySQL, and AWS. Led teams of 6+ engineers, designed fault-tolerant microservices systems, built AI-powered conversational commerce backends with MCP Server and ChatGPT integration, and consistently delivered 30-45% measurable performance improvements. Proven record in CAG audit compliance, HIPAA-compliant system design, 99.9% payment uptime, and Agile delivery at scale.

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript (ES6+), TypeScript, SQL

**Frontend:** React.js, Next.js, Redux, React Native, HTML5, CSS3, Material UI, jQuery

**Backend & APIs:** Spring Boot, Hibernate, NestJS, Node.js, Express.js, GraphQL, REST APIs, Microservices, Distributed Systems

**Cloud & DevOps:** AWS (EC2, S3, Lambda), GCP, Docker, Nginx, Jenkins, GitHub Actions, CI/CD, Maven, Load Balancing

**Databases:** MySQL, MongoDB (Aggregation), PostgreSQL, Firebase, Redis, Prisma ORM, SQL Server

**Security & Compliance:** JWT, OAuth 2.0, Spring Security, RBAC, HIPAA, AES-256 Encryption, OWASP, CAG Audit, API Rate Limiting

**Payments & Comms:** Razorpay, Easebuzz, Stripe, UPI APIs, Twilio (SMS/OTP), JavaMail SMTP, Google Maps API

**AI & Dev Tools:** MCP Server, GitHub Copilot, Claude Code, Cursor, ChatGPT, OpenAI Codex, Swagger/OpenAPI, Postman, Jest, Sentry

**Core CS:** Data Structures, Algorithms, OOP, Design Patterns, System Design, Problem Solving, Agile/Scrum, Code Review

## PROFESSIONAL EXPERIENCE

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**Applore Technologies Pvt Ltd.** - Noida, Uttar Pradesh

*Dec 2025 - Mar 2026*

**Technical Lead - MERN + Java**

- Improved system throughput by 45% and maintained 99.9% uptime by architecting fault-tolerant Java, Spring Boot, and MySQL microservices across 5+ production services.
- Reduced cross-platform load times by 40% by leading a team of 6 engineers in delivering optimized React.js, Next.js, and React Native applications integrated with Spring Boot microservices.
- Achieved zero CAG audit violations by establishing REST API design standards and enforcing RBAC using Spring Security and JWT across all enterprise-facing services.
- Reduced payment transaction failures by 35% and achieved a 99.9% success rate by integrating Easebuzz with retry logic, idempotency checks, and robust input validation.
- Decreased data processing time by 50% and eliminated 35% of manual reporting errors by refactoring MongoDB aggregation pipelines and introducing composite MySQL index strategies.

**Barcosys Software India Pvt Ltd.** - Noida, Uttar Pradesh

*Aug 2025 - Dec 2025*

**Senior Full Stack Developer**

- Improved API response time by 45% by scaling Node.js and MySQL backend services with connection pooling, composite indexing, and Redis caching strategies.
- Reduced Time-to-Interactive (TTI) by 40% by building SSR-enabled React.js and Next.js frontends with lazy loading, code splitting, and component-level memoization.
- Eliminated 35% of reporting overhead by streamlining MongoDB aggregation pipelines; enforced JWT and OAuth 2.0 authentication meeting enterprise-grade security standards.

**Nursing Next Live Pvt Ltd.** - Noida, Uttar Pradesh

*Sept 2023 - Aug 2025*

**Full Stack Developer**

- Increased payment success rate by 20% by integrating Razorpay with idempotent transactions and Spring Security role-based access on a Spring Boot and React.js e-learning platform serving 10,000+ concurrent users.
- Reduced manual notification effort by 60% by automating email and SMS workflows with Spring Scheduler and Twilio; improved team development velocity by 30% by building a library of 50+ reusable React components.
- Boosted student engagement by 25% by implementing automated JavaMail SMTP notifications and Twilio SMS alerts for course reminders and payment confirmations.

**Traversia Technology Pvt Ltd.** - New Delhi, Delhi

*Jan 2021 - Aug 2023*

## React Developer

- Reduced page load times by 40% on grnconnect.com by applying Virtual DOM optimization, React code splitting, and component memoization, improving Core Web Vitals scores significantly.
- Increased B2B payment transaction efficiency by 35% by integrating Razorpay; improved application stability by 20% by migrating global state to Redux, eliminating prop-drilling and race conditions.
- Improved customer satisfaction scores by 15% by delivering hotel, flight, cab, and e-commerce feature modules; earned the Top Developer Award for consistent 30–45% API performance improvements.

## KEY PROJECTS

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### **REACH MOBILE — AI Conversational Commerce Platform** *Java · Spring Boot · MongoDB · MCP Server · ChatGPT · Google Maps API*

- Enabled 100% in-chat mobile and SIM booking by architecting a Spring Boot and MongoDB backend that powers MCP Server workflows, allowing users to complete end-to-end purchases through ChatGPT prompts without leaving the chat interface.
- Achieved sub-100ms real-time data retrieval by optimizing MongoDB query plans and indexes; reduced payment drop-off to near zero by embedding Easebuzz payment flow directly within the ChatGPT conversational flow.
- Extended delivery coverage to 50+ zones by integrating Google Maps API for geolocation-based SIM delivery tracking on a microservice-friendly, horizontally scalable Spring Boot architecture.

### **grnconnect.com — B2B Real-Time Travel & Booking Platform** *Spring Boot · React.js · Easebuzz · Redis · MySQL · Role-Based CRM*

- Increased online bookings by 40% and cut average booking journey time by 35% by building a real-time bus, hotel, and package availability platform for 40,000+ monthly active users.
- Achieved 99.9% payment success rate by integrating Easebuzz with UPI, Netbanking, and Card support; improved admin resource utilization by 30% by deploying a role-based CRM for admins, branch managers, and agents.
- Boosted API performance by 42% and reduced customer support tickets by 35% by applying Redis caching, MySQL query optimization, and fully automated refund and cancellation workflows.

### **Enterprise RBAC & Compliance Audit System** *Spring Security · JWT · OAuth 2.0 · HIPAA · AES-256 · React.js · MySQL*

- Eliminated all unauthorized access incidents by designing a multi-tenant RBAC system with Spring Security, JWT, OAuth 2.0, and AES-256 PHI encryption across all enterprise services, achieving full CAG and HIPAA audit compliance.
- Improved admin security oversight by 100% by building a tamper-proof immutable audit logging service and a React.js dashboard for real-time role management, permission control, and audit log visualization.

## EDUCATION

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**Master of Computer Applications (MCA)** – Lovely Professional University, Punjab 2022 – 2024

**Bachelor of Science - Mathematics (B.Sc.)** – Siddharth University, Siddharth Nagar, U.P. 2016 – 2019

## ACHIEVEMENTS & RECOGNITION

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- Top Developer Award, Traversia Technology — recognized for consistent 30–45% API performance gains across all engineering roles.
- Early production adopter of MCP Server and ChatGPT conversational commerce architecture, among the first engineers in India to deliver this stack in a live product.
- Maintained 99.9% payment gateway uptime across Easebuzz and Razorpay integrations serving B2B travel, fintech, and e-learning platforms at scale.
- Delivered HIPAA-compliant system design with AES-256 PHI encryption, immutable audit logging, and high-availability architecture for enterprise healthtech clients.