Chetan Sharma

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Summary — I'm a **Full-stack Software Engineer** with 3+ years of experience designing scalable, secure systems using **Next.js, React, Node.js, and Java Spring Boot**. Proven track record in building distributed architectures on **Azure** and AWS. Expert in implementing custom authentication (JWT), **AI-driven testing agents**, and serverless code execution. Strong focus on optimizing data ingestion pipelines and ensuring production reliability through rigorous CI/CD automation.

Technical Proficiencies

Languages	Java SE 17, JavaScript (ES6+), TypeScript, C++, SQL, Python.
Cloud & DevOps	Azure (App Service, Blob), AWS (EC2, S3), Docker, Modal, Kafka, CI/CD.
Tools & AI	CrewAI, Git, Hibernate, Redis.
Frontend	Next.js, React.js, Redux.
Backend	Spring Boot, Express.js, Node.js, REST APIs, Microservices, OAuth, JWT.
Testing	JUnit, Jest, Postman, AI Agents.

Professional Experience

123ofAI — Jun 2025 – Present
Full Stack Developer — *Bengaluru, India*

- Architected a secure, custom authentication system (JWT) with **multi-device session management** (max 4 active sessions), reducing dependency on external OAuth.
- Developed a **dynamic coupon redemption system** integrated with payments, enabling real-time discount validation and granular tracking of influencer attribution.
- Built a serverless coding compilation engine using **Modal**, enabling users to execute code remotely with low latency.
- Engineered a data ingestion pipeline converting DOCX files to **Markdown with LaTeX**, ensuring 100% fidelity for math formulas.
- Integrated **CrewAI** agents to automate frontend testing, simulating real-user interactions to validate UI flows.

Healthcare Appointment Portal (Freelance) — Aug 2024 – Jan 2025
Full-stack Engineer — *Remote, Canada*

- Built a scalable scheduling platform for clinics using **Spring Boot** and **React.js**, serving 1500+ monthly users.
- Reduced no-shows by 30% via automated SMS reminders using **Twilio** and secured system with **JWT/RBAC**.
- Improved database speed by 25% with **MySQL indexing** and **Redis caching** for doctor availability.
- Integrated **Apache Kafka** for asynchronous communication and deployed via **AWS EC2** and **S3**.

Globalogy — Feb 2024 – Jun 2024
Full-stack Development Engineer — *Canada (Remote)*

- Developed end-to-end microservices using **Spring Boot**, implementing **JWT** auth, contributing to 40% infrastructure cost reduction.
- Implemented **Redis caching** and **Apache Kafka**, improving latency by 90% and enhancing real-time data processing.
- Containerized the application ecosystem using **Docker**, reducing deployment time by 50% and improving reliability.

Wathare Infotech Solutions — July 2022 – Jan 2024
Full-stack Development Engineer — *Pune, India*

- Developed web applications using **React.js, Node.js,** and **Express.js**, enhancing user engagement and functionality.
- Implemented **RESTful APIs** to improve data flow and optimized **MySQL** queries/indexes, reducing response times.
- Collaborated with UX/UI teams to redesign interfaces and worked on backend services for scalable robust functionality.

OPENWORK PARK — Jan 2022 – Jun 2022
Junior Developer Intern — *Noida, India*

- Revamped website designs using **AngularJS** and optimized front-end performance using asynchronous rendering techniques.

Education

Guru Gobind Singh Indraprastha University, New Delhi — 2022
Master of Computer Applications (MCA) — *CGPA: 9.0*

Singhania University, Rajasthan — 2019
Bachelor of Computer Application (BCA) — *CGPA: 7.2*