AKSHAR CHANCHLANI

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SUMMARY

Computer Science graduate with experience in backend and full-stack development, including participation in JP Morgan's virtual Software Engineering Experience. Passionate about building scalable, secure systems using Java, Spring Boot, and modern cloud tools like AWS and GCP. Familiar with Agile workflows, CI/CD pipelines, and secure coding practices. Seeking to contribute to JPMorgan Chase's mission of building technology for good.

WORK EXPERIENCE

Software Engineering Intern (Virtual) : JP Morgan Chase & Co. (Forage) (Remote)   **January - 2025**

- Integrated Kafka and H2 database within a microservice-based backend setup.
- Built and tested REST APIs and controllers using Java Spring Boot.
- Completed a real-world simulation involving system design and distributed data handling.

Full Stack Developer Intern: SNSIT LTD - London (On-site)   **March - June 2024**

- Built core modules for a fleet management app using Node.js, Express, MongoDB, and React.
- Developed real-time features using WebSockets and optimized backend logic.
- Participated in agile sprints and architectural discussions; delivered functional modules.

PROJECTS

GlobeTalk – Real-Time Multilingual Chat Application

Tech Stack: ReactJS, Node.js, Express, MongoDB, WebSockets, Socket.IO, Google Cloud Translation API, Docker, Cloudinary

- Built a real-time chat app with multilingual translation using Google Cloud API.
- Designed scalable backend (Express + MongoDB) and responsive frontend (React).
- Integrated image uploads via Cloudinary and containerized deployment with Docker.

Swim School Management System

Tech Stack: Java, Swing, Multithreading

- Developed a desktop app to manage student/staff records and scheduling.
- Used Java Swing for GUI and multithreading to ensure smooth user experience.
- Applied modular architecture for easy feature updates and maintenance.

EDUCATION

Bachelor of Science in Computer Science — Middlesex University London, Graduated 2025
- Specializations: Java, DBMS, AI/ML, Advanced Web Applications

ADDITIONAL INFORMATION

- **Technical Skills:** Java, JavaScript, ReactJS, Node.js, Express, MongoDB, H2, MySQL, Kafka, Docker, Cloudinary, AWS, Google Cloud APIs, WebSockets, REST APIs, Git, DSA, AI/ML
- **Languages:** English, Hindi (Fluent)
- **Certifications:** AWS Cloud Practitioner · IBM AI Fundamentals · ML Specialization (Stanford) · Java & DSA (Apna College), Accenture North America - Coding: Development & Advanced Engineering Job Simulation