Aniket Kadam

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SUMMARY:
Java Developer with project-based experience in Spring Boot, React.js, Docker, PostgreSQL, and AWS. Passionate about backend engineering and building efficient, scalable web applications.

TECHNICAL SKILLS:
Java, Spring Boot, Spring Security, RESTful API, Hibernate, PostgreSQL, MySQL, Docker, AWS, Git, HTML, CSS, React.js (*familiar*), JavaScript (*familiar*)

PROJECTS:
[Link] **WhatsApp clone**
Tech Stack: Java, Spring Boot, React.js, WebSocket, PostgreSQL, Docker, FFmpeg, Spring AI, Ollama AI
- Developed a secure **real-time** chat backend using Spring Boot and **WebSocket** for messaging between users.
- Implemented **OTP-based email verification** and **Google OAuth** for seamless user authentication.
- Enabled users to upload profile pictures with backend storage and processing.
- Integrated **FFmpeg** to generate video thumbnails for uploaded videos.
- Secured messages in the database with **encryption** to ensure data privacy.
- Built **AI assistant** integration using Spring AI and Ollama, enabling conversational AI within the app.

[Link] **Instagram clone**
Tech Stack: Java, Spring Boot, Spring AI, React.js, PostgreSQL, Docker, AWS EC2, FFmpeg, Ollama AI
- Engineered a **social media platform** supporting posts, reels, real-time chat, and AI-driven interactions.
- Designed **RESTful APIs** in **Spring Boot** and implemented **JWT-based authentication** for secure access control.
- Integrated **Spring AI** and **Ollama** to build "AI friends" that can chat and comment like real users.
- Added **tokenized email reset** and **OTP verification** for secure account recovery and sign-up.
- Used **FFmpeg** to compress and process uploaded videos, generating thumbnails dynamically.
- Implemented **pagination and infinite scroll** for improved frontend performance and reduced API load.
- Built **real-time notifications** for messages, likes, and follows using **WebSocket** connections.
- Deployed backend on **Render** and frontend on **Vercel** with **Docker containers**, ensuring scalability and easy maintenance.
- Followed **MVC architecture**, improving code readability and modularity across backend services.

[Link] **Google Meet clone** - *In Progress*
Tech Stack: Java, Spring Boot, React.js, WebSocket, PostgreSQL, Docker, WebRTC
- Developing a **peer-to-peer video and audio calling application** using **WebRTC** for real-time streaming and **WebSocket** for signaling.
- Implementing **Google OAuth login** for secure user authentication and one-click access.
- Building **in-call chat** and **emoji reaction features** to enhance communication during meetings.
- Designing a **Spring Boot backend** that manages user sessions, signaling, and media connection setup.
- Developing a **React.js frontend** with dynamic UI components for smooth video conferencing.
- Planning a **call summary system** leveraging **server-side event processing** and **speech-to-text analysis** for meeting insights.
- Using **Docker** for consistent deployment environments during development and testing.

EDUCATION:
Bachelor of Science in Information Technology (B.Sc IT), **University of Mumbai**
Graduated**: 2025** **|** CGPA**: 9.30**
- Completed advanced coursework in **Object-Oriented Programming, Data Structures, Database Management Systems, Web Technologies, and IoT**.

CERTIFICATES:
- [Link] **Java Development -** *Telusko (2024)* - Ranked 3rd in program for overall performance.