Ashutosh Sahu

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WORK EXPERIENCE

Software Engineer - Java Full Stack   **Mar 2024 – Present**

Societe Generale Global Solution Center, Bengaluru, India
- Developed & Optimized microservices with **Spring Boot** and **Java**, improving performance by **20%**.
- Secured databases with encryption at rest, data masking, and RBAC, improving data integrity by **30%** and ensuring compliance.
- Engineered secure features with **Angular** and **Spring Boot**, safeguarding user data and enabling seamless, secure transactions through tightly integrated backend and frontend systems.
- Streamlined CI/CD pipelines, cutting deployment time by **40%** with added security.

Full Stack Developer   **Aug 2023 – Feb 2024**

Agami Technologies, Greater Noida, India
- Developed and enhanced Stikkum.io with optimized RESTful APIs, leading to **40%** improved data flow and **20%** higher customer satisfaction.
- Boosted user engagement by **40%** by implementing complex, user-centric features.
- Successfully reduced server expenses by **20%** while using **AWS**, making applications more scalable.
- Improved API efficiency, reducing latency and streamlining communication for seamless interactions.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University, *Uttar Pradesh*   **2019 - 2023**

Degree: Bachelor of Technology | Computer Science and Engineering

PROJECTS

Cluster Protocol - AI Bot - Clubot (*Tech Stack: ML, NLP, TypeScript, React.JS, Node.JS,* GenAI) -
- Developed CluBot, an AI-powered chatbot that integrates with all Web3 wallets for seamless **send**, **swap**, and **bridge transactions** across blockchain networks
- Engineered backend APIs for secure wallet interactions, enabling real-time access to multi-chain data from Ethereum, Binance Smart Chain, Polygon, etc.
- Designed advanced conversational AI workflows with intuitive **natural language commands**, ensuring easy wallet authentication and seamless DeFi transactions.
- Ensured security with encryption and smart contract checks, achieving **99.9% uptime** and 30% faster responses.

Video Chat Web App (*Tech Stack: NodeJS, Bootstrap, Javascript*) -
- Built a real-time video chat app, supporting over **500 private room sessions** with seamless interactions.
- Leveraged WebRTC to deliver high-quality video streaming, supporting over 500 sessions daily.
- Utilized Node.js for server-side signaling, achieving 99.9% connection reliability and smooth data exchange.
- Scaled the application to handle concurrent sessions, maintaining optimal performance under traffic.

TECH SKILLS

Languages:	Java, Python, C++, JavaScript, TypeScript, HTML, CSS, SQL
Frameworks/Libraries:	Spring Boot, Django, Flask, Node, Angular, React
Databases:	MySQL, PostgreSQL, MongoDB
Dev Tools:	Git, GitHub, Linux, Postman, VS Code, Pycharm
Additional:	AWS, REST APIs, DSA, DevOps, Googling, GenAI

ACHIEVEMENTS
- **Qualified Infytq 2022 & HackWithInfy 2022**
- **Organized Codechanakya Hackathon (2022-2023)**

TRAINING & CERTIFICATIONS
- **ICSI | CNSS CERTIFIED NETWORK SECURITY SPECIALIST** (ICSI (International CyberSecurity Institute), UK)
- **COMPUTER SYSTEM SECURITY** (IIT Kanpur)
- **WEB DEVELOPMENT WITH DJANGO** (United Global Infoservice Pvt. Ltd.)