Suryansh Bachchan Verma

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EDUCATION

CHRIST (Deemed to be University) Bangalore, Karnataka
Master of Computer Applications, 9.06 CGPA *July 2023 – May 2025*

Cotton University Guwahati, Assam
Bachelor of Computer Applications (BCA), 80.1% *Oct 2020 – May 2023*

EXPERIENCE

Software Engineer Intern Jan 2025 – Present
Trivium eSolutions *Bangalore*

- Developed REST APIs using SpringBoot.
- Built microservices with Spring Boot and Spring Cloud (Eureka) for scalable systems.
- Created RESTful APIs with Spring Data JPA (Hibernate) and WebFlux for asynchronous, non-blocking database operations with MySQL.
- Implemented authentication and authorization flows using Spring Security, JWT, OAuth 2.0, and custom Authorization Server.
- Built front-end applications using Angular and TypeScript.
- Utilised Apache Kafka for real-time event-driven architectures.
- Docker for containerised development and deployment workflows.

PROJECTS

SyncCrowd – Synthetic Data & Crowdsourcing Platform
Next.js, MongoDB, Clerk (Auth), LLM Integration, Google Sheets API Code | Live

- Built **SaaS platform** for **LLM-powered synthetic data** generation and crowdsourced data collection
- Implemented **prompt-based** and **CSV-augmented** data generation with real-time **Google Sheets** sync
- Created **AI chatbot** for CSV analysis via natural language queries

Shopify – Ecommerce Platform
Angular, SpringBoot, Microservices, Spring Security Code | live

- Developed a full-stack, end-to-end e-commerce platform using **SpringBoot** (backend) and **Angular** (frontend).
- Designed the backend as a set of modular **microservices** to enhance scalability, maintainability, and fault isolation.
- Implemented secure authentication and authorization using **JWT** and role-based access control for **admin and user** privileges.

Discuss-IT – Community Discussion Platform
React, Node.js, Express.js, Redux, MongoDB, Cloudinary, Chakra UI Code | Live

- Architected a community-driven web-app focused on resolving doubts related to academics and other categories.
- Integrated content moderation using **AI** with a response time of 21ms, reducing inappropriate content up to 92% to maintain a safe and respectful online environment.
- Enhanced user experience through the implementation of **Infinite scroll** and **Shimmer UI**.
- Implemented a multi-format post-creation system supporting text, images (via Cloudinary integration), polls, and code snippets.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C++, SQL
Web Technologies: RESTful APIs, WebSocket
Frameworks: React, Angular, NodeJs, SpringBoot, Next.js, Express.js
Libraries: Express.js, Redux, Material-UI, Tailwind CSS
Developer Tools: Postman, Git, Docker, Kafka, Jenkins
Database & Cloud: MySQL, MongoDB, AWS (EC2)