

ANIMESH VERMA

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Q Anni-san

Career Objective

Fervent Software Engineering undergraduate and avid problem-solver, driven by curiosity and disciplined learning. Skilled in Data Structures, backend development, and Java-based systems, building scalable, impactful software.

Education

Pranveer Singh Institute of Technology

Sep 2023 – Aug 2027

B.Tech in Computer Science Engineering

C.G.P.A: 7.8

- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems

Technical Skills

Languages: Java, C, Python, SQL

Backend Development: Spring Boot, RESTful APIs, Microservices, Node.js, Express.js

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, Software Design Principles

Databases: MongoDB, SQL-based Databases

Frontend: HTML, CSS, React.js

Tools: Git, GitHub, Postman, Thunder Client

Internship

Infosys Springboard

Aug 2025 – Oct 2025

Full-Stack Developer Intern

Remote

- Developed backend services for **FARMXChain**, an AI-driven agricultural traceability platform, using the **MERN stack** and Spring Boot, implementing **JWT-based authentication** for secure role-based access and supply-chain workflows.
- Designed and optimized secure RESTful APIs with proper validation and exception handling, improving backend reliability and reducing integration issues by **30%**.
- Implemented QR-based provenance tracking and integrated AI-powered quality screening to enhance end-to-end supply chain transparency.

Projects

FARMXChain – Agricultural Traceability Platform | MERN Stack, JWT Authentication

- Built a full-stack agricultural traceability platform using the **MERN stack** with **JWT-based authentication** for secure role-based access and supply-chain workflows.
- Developed backend APIs for metadata management, dynamic QR generation, and end-to-end farm-to-consumer provenance tracking.
- Designed MongoDB data models to support scalable, transparent product traceability across the supply chain.

Fashion Sense – AI Style Advisor | Java, Spring Boot, React.js, TensorFlow

- Developed an AI-powered fashion recommendation system that analyzes user images using TensorFlow and OpenCV to suggest personalized styles.
- Implemented Spring Boot RESTful APIs for image upload, AI inference, and real-time recommendation delivery.
- Built a responsive React frontend enabling seamless user interaction and instant analysis results.

Detectify – Content & Document Verification Platform | MERN Stack, Python, NLP, Computer Vision

- Built a full-stack verification platform using the **MERN stack** to analyze news content, images, and documents for authenticity and manipulation detection.
- Developed Python-based machine learning pipelines for text analysis (NLP) and image-based forgery detection using feature extraction and classification techniques.
- Integrated the Python ML services with the MERN backend to deliver real-time verification results through a user-friendly web interface.

Certifications

NPTEL: Programming in Java, Operating Systems

Coursera: IBM Full Stack Developer, JavaScript Essentials

Infosys Springboard: Software Engineering & Agile Development, Database Management Systems, Programming Fundamentals using Python