

# PRATYUSH GOUTAM

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## PROFESSIONAL SUMMARY

Software engineer specializing in full-stack and mobile development with expertise in building scalable applications using modern frameworks and technologies. Experienced in backend systems, database optimization, and creating responsive user interfaces with a focus on performance and clean architecture.

## EDUCATION

### SRM Institute of Science and Technology

June 2022 – May 2026

Bachelor of Technology in Computer Science with Business Systems – CGPA: 8.4/10

Chennai, India

- Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Machine Learning

## EXPERIENCE

### Deccan AI

Dec 2025 – Jan 2025

Operations Associate Intern

Hyderabad, India

- Contributed to LLM development and refinement through RLHF (Reinforcement Learning from Human Feedback) processes, data evaluation, and quality assurance workflows for Large Language Models
- Collaborated on client projects including Ask Health and Bluebird, managing project pipelines and ensuring high-quality, ethical AI outputs aligned with real-world requirements

### Quamin Tech Solutions LLP

Oct 2024 – Nov 2024

Backend Development Intern

Remote, India

- Developed and maintained MongoDB databases with optimized schemas and indexing strategies, improving query performance by 40%
- Built and deployed scalable Node.js REST APIs using Mongoose ODM to enable seamless frontend-backend integration and efficient data management across multiple client applications

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, C, Java, JavaScript, TypeScript, SQL

**Frontend Technologies:** React, Vite, Next.js, React Native, Expo, TailwindCSS, Figma, Shadcn/UI

**Backend and Database:** Node.js, Express.js, MongoDB, PostgreSQL, Firebase, REST APIs

**Developer Tools:** Git, GitHub, Vercel, VS Code, Google Colab, Postman

## PROJECTS

### Shizuka - Sustainable E-commerce Platform   [GitHub](#) | [Live](#)

2024

- Developed full-stack e-commerce platform using MERN stack with Firebase authentication, shopping cart, wishlist, and secure checkout functionality
- Implemented responsive mobile-first UI with TailwindCSS and deployed on Vercel (frontend) and Render (backend) with MongoDB Atlas

### EcoVision - AI-Powered Waste Classification System   [GitHub](#) | [Live](#)

2024

- Built React-based web application with real-time waste classification using Hugging Face transformer models, achieving 70% accuracy in categorizing waste types (recyclable/compostable/hazardous)
- Integrated PostgreSQL database with user authentication and AI chatbot for eco-friendly disposal recommendations

### Xylo - Cross-Platform Movie Streaming App   [GitHub](#)

2025

- Developed React Native mobile application with Expo featuring movie browsing, detailed views, user interactions, and offline download capabilities using TMDB API for real-time movie data
- Implemented modern UI components with Gluestack UI framework and Firebase backend for user authentication, data synchronization, and cloud storage integration

## CERTIFICATIONS

Full Stack Web Development Bootcamp (Udemy), Big Data Computing (NPTEL), AWS Machine Learning Foundations(AWS), Cisco Networking Basics (Cisco), Programming Badges (HackerRank)