

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](#))