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: 8.5/10   *Chennai, India*

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

EXPERIENCE

Deccan AI   **Dec 2025 – Present**
Operations Associate Intern   *Hyderabad, India*

- Contributing to LLM development and refinement through RLHF (Reinforcement Learning from Human Feedback) processes, data evaluation, and quality assurance workflows for Large Language Models
- Collaborating 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*

- 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)