

PRATYUSH GOUTAM

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Professional Summary

Full-stack and mobile developer building scalable applications with modern frameworks and technologies.
Passionate about performance optimization, clean architecture, and seamless user experience design.

Education

SRM Institute of Science and Technology

Bachelor of Technology in Computer Science with Business Systems

June 2022 – May 2026

Chennai, India

- CGPA: 8.43/10

Technical Skills

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

Frontend Technologies: React, Vite, Next.js, React Native, TailwindCSS, Shadcn/UI, Gluestack

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

Developer Tools: Git, GitHub, Vercel, Render, Expo, Mongoose, VS Code, Google Colab

Certifications: Full Stack Web Development Bootcamp ([Udemy](#)), Big Data Computing ([NPTEL](#)), AWS Machine Learning Foundations and Cisco Networking Basics ([Credly](#))

Experience

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 scalable Node.js REST APIs using Mongoose ODM for seamless frontend-backend integration across multiple client applications
- Implemented complex aggregation pipelines for data analytics and automated database maintenance tasks, reducing manual intervention by 70%

Projects

Shizuka - Sustainable E-commerce Platform

[GitHub](#) | [Live](#)

2025

- Developed full-stack e-commerce platform using MERN stack with Firebase authentication, shopping cart, wishlist, and secure checkout functionality
- Implemented responsive mobile-first UI design with TailwindCSS and efficient state management using React Context API
- Deployed application on Vercel (frontend) and Render (backend) with MongoDB Atlas for database hosting

EcoVision - AI-Powered Waste Classification System

[GitHub](#) | [Live](#)

2024

- Built React-based web application with real-time waste classification using Gemini 2.5 Pro API for image recognition and environmental impact analysis
- Integrated PostgreSQL database with user authentication system and AI chatbot for eco-friendly disposal recommendations
- Achieved 80% accuracy in waste categorization (recyclable/compostable/hazardous) through optimized image processing algorithms

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