

Sameera Milind Pujari

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Summary

Final-year B.Tech Information Technology student with experience building full-stack web applications and backend services using Node.js, React, and REST APIs. Interested in backend engineering, API design, and building reliable software that solves real user problems.

Projects

RoutePay - Payment Routing Engine

Jun 2026

Node.js, Express.js, REST APIs, System Design

- Built a backend service that routes payment requests across multiple gateways based on recent success rates and gateway availability.
- Implemented idempotency keys to safely handle retry requests without creating duplicate transactions.
- Built circuit breaker and failover logic to redirect requests when payment gateways became unavailable.

Stackread – GitHub Repository Analyzer

Mar 2026

React.js, Node.js, Express.js, GitHub API, Gemini API, Redis

- Built a full-stack web application that analyzes GitHub repositories using REST APIs, asynchronous API calls, Redis caching, and LLM-generated insights.
- Reduced repository analysis time by parallelizing GitHub API requests with `Promise.all` and caching responses in Redis to avoid repeated API calls.
- Designed reusable REST APIs and a responsive React interface with validation, loading states, and error handling.

Ecoride – A Carpooling System

Jan – Apr 2025

Node.js, Express.js, MySQL, REST APIs

- Built REST APIs for ride booking and user management using Express.js and MySQL.
- Added validation and authorization checks to prevent duplicate bookings, seat overbooking, and unauthorized access.

Education

Vishwakarma Institute of Technology, Pune

Expected 2027

B.Tech in Information Technology

CGPA: 8.99 / 10

Rajiv Gandhi E-learning Junior College, Pune

2023 | 82.0%

Rosary High School, Pune

2021 | 90.2%

Technical Skills

Programming: Java, Python, C++

Backend: Node.js, Express.js, REST APIs

Databases: MySQL, MongoDB, Redis

Frontend: HTML, CSS, JavaScript, React.js, Responsive Web Dev

Tools: Git, GitHub, Linux, Postman, VS Code, AWS(EC2, S3 Basics), Docker (Basics)

Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Certifications

- IBM Full Stack Software Developer – Coursera
- AWS Academy Cloud Foundations – AWS