

POORVIK KUTHYALA

Mangalore, Karnataka

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EDUCATION

St Joseph Engineering College, Mangalore

Oct 2023 – Jul 2027

Bachelor's Degree - Artificial Intelligence and Machine Learning - CGPA - 8.52

Mangalore, Karnataka

TECHNICAL SKILLS

Languages: C++, Python, Java, JavaScript, MySQL, Object-Oriented Design and Programming, Data Structures and Algorithms

Technologies/Frameworks: Node.js, Spring Boot, PostgreSQL, MongoDB, Redis, Elasticsearch, WebSockets, Firebase, Docker, Kubernetes, Kafka, Linux, Relational Databases, REST APIs

Tools: Postman, GitHub, Android Studio, VS Code, Linux, Jupyter Notebook, MATLAB, Jenkins, Git

EXPERIENCE

Full Stack Developer (Freelance)

Aug 2025 - Feb 2026

Ilaundroid

Remote

- Built a hostel laundry management platform used by **3,000+** hostel students across **2 colleges**, streamlining the entire laundry workflow from order placement and status tracking to pickup scheduling and delivery management

Backend Developer

Jan 2026 - Mar 2026

Nucleus Technical Club Website

Remote

- Maintained backend services for the Nucleus Technical Club website, streamlining announcements, registrations, and student activities for **700+** monthly users.

Backend Developer (Freelance)

May 2026 - Jun 2026

Bulk Messaging Platform

Remote

- Engineered backend services for a bulk messaging platform that helps a **college marketing team** organize student groups, schedule promotional messages, and send **2,000+** messages.

PROJECTS

GramPicker | [Live](#) | [GitHub](#) | **React.js, Node.js, Express.js, MongoDB**

Mar 2026 - Jun 2026

- Designed a **rural parcel pickup platform** that enables village customers to receive online orders through verified city pickup partners, with OTP-based verification ensuring secure parcel handovers.
- Implemented end-to-end parcel management workflows including pickup requests, real-time tracking, status updates, and automated storage fee calculation.

Circuit Fixer | [Live](#) | [GitHub](#) | **React.js, Node.js, Express.js, Redis, WebSockets**

Dec 2025 - Apr-2026

- Created a system design assistant that generates **HLD and LLD** diagrams from business requirements, reducing initial architecture **planning time from 30–45 minutes to under 10 minutes**.
- Automated component selection, database design suggestions, and scalability recommendations, **helping small businesses and startups** create software architecture blueprints more efficiently.

Medicare | [Live](#) | [GitHub](#) | **Next.js, Node.js, MySQL, Firebase**

Sep 2025 - Dec 2025

- Developed a medicine reminder platform that enables patients to receive timely medication alerts and verify medicines through OCR-based scanning, **successfully tested with 3 elderly users**.

FaceHunt | [Video](#) | [GitHub](#) | **ArcFace, RetinaFace, FaissDB, FastAPI, PostgreSQL, Kafka**

Jan 2026 - Jun 2026

- Fine-tuned ArcFace and FaceNet models on 200,000+ facial images** and integrated them into a face search platform capable of detecting, matching, and retrieving identities from large image and video datasets.

COURSEWORK

- | | | |
|---------------------|-----------------------------------|-------------------------|
| • Data Structures | • DBMS | • Blockchain Technology |
| • Machine Learning | • Software Development Life Cycle | • Cloud Computing |
| • Operating Systems | • Computer Architecture | • Computer Networks |

ACHIEVEMENTS

- Guardian** at LeetCode (**2129**) with **7 top-1000** contest finishes
- Solved **2000+** DSA problems including **1140+** on LeetCode and **450+** on GeeksForGeeks.
- Institute **Rank 1** at GeeksForGeeks.

LEADERSHIP

- President** at Nucleus Technical Club, organizing **5+** technical events and student initiatives.
- Campus Representative** at GeeksForGeeks, leading student outreach initiatives and technical community engagement.
- Freelance Lead**, coordinating **15+** client meetings, project planning, and cross-functional team collaboration.