




PREETHI P PALANKAR

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Education

St. Philomena's College (Autonomous)

Master of Computer Application, CGPA: 8.0/10

Dec 2023 – Oct 2025

Mysore, Karnataka

JSS SMI UG and PG Studies

Bachelor of Computer Application, CGPA: 8.2/10

Sep 2020 – Oct 2023

Dharwad, Karnataka

Key Technical Courses

- Data Structures
- Database Management
- Operating System
- Object Oriented Programming
- Software Engineering
- Machine Learning
- Artificial Intelligence

Technical Skills

Programming Languages: Java, Python

Databases: MongoDB, MySQL

Frameworks/Technologies: React.js, Spring Boot, Flask, Node.js, Express.js, Bootstrap, HTML5, CSS3

Developer Tools/Platforms: Git, GitHub, VS Code, Android Studio, JMeter, AWS, Linux, Postman

Currently Learning: Beginner in Data Structures & Algorithms (DSA) and System Design

Experience

rProcess Outsourcing Services Pvt. Ltd. | [Link](#)

Jun 2025 – Jul 2025

Full Stack Developer Intern

Mysore, Karnataka

- Built a scalable MERN-based Enterprise Asset Management app for real-time asset tracking & preventive maintenance.
- Implemented secure JWT authentication and strict role-based access control to enhance overall application security.
- Developed efficient and reusable React components for asset logs, movement history, and advanced scheduling features.
- Added automated CSV and PDF report generation for admins, reflecting critical thinking in supporting faster decisions.
- Collaborated actively via GitHub & deployed the app on the company server, showcasing teamwork & communication.
- Proactively tackled and solved all project obstacles, ensuring smooth progress without external intervention.

TechSaksham AI Internship – Edunet Foundation | [Link](#)

Feb 2025 – Mar 2025

AI Intern (Microsoft and SAP Initiative)

Remote

- Completed a project-based internship focused on Python and AI fundamentals under the TechSaksham initiative.
- Gained practical experience by building AI models and working with various APIs through hands-on projects.
- Learned and applied ethical AI practices with strong expert support and personalized mentorship during the internship.

Projects

AirNotate AI-Powered Air Writing Tool | *Python, MediaPipe, OpenCV, Flask* | [Link](#)

Aug 2025

- Designed an AI-powered tool that enables air-writing or drawing using hand gestures tracked in real time via webcam.
- Integrated ML prediction for accurately recognizing drawn inputs and voice commands for seamless drawing control.
- Applied Soft Skills: Problem-solving & critical thinking in gesture detection; adaptability in learning ML libraries.

Eventify – Event Scheduling & RSVP Platform | *React, Spring Boot, JavaMail* | [Link](#)

May 2025

- Built a full-stack platform for event creation, invites & real-time RSVP tracking with a responsive React + Tailwind UI.
- Developed Spring Boot REST APIs and integrated JavaMailSender for automated email invites and confirmations.
- Applied Soft Skills: Time management & organization across frontend and backend; effective communication in emails.

ClearPath – Task & Project Management App | *Spring Boot, Java, MongoDB, JWT Security* | [Link](#)

Apr 2025

- Developed a task and project management application enabling teams to organize, prioritize & track tasks efficiently.
- Built a backend with Spring Boot, Spring Security, JWT, and MongoDB for authentication, authorization, and scaling
- Applied Soft Skills: Initiative in end-to-end development; positive attitude in tackling security issues.

Certifications

- TCS iON – Young Professional in Career Skills and IT Foundations, including practical exercises, completed Jun 2024
- Infosys – Software Engineering and Agile Software Development, covering all key principles and practices. Aug 2024
- Java Programming Fundamentals - SkillUp by Simplilearn Aug 2025

Extracurricular Activities

- Participated in Dataviz, a national-level data visualization competition at AIT Pune, creating dashboards Apr 2025
- Flipkart GRiD 6.0 – Software Development Track – Level 1 E-Commerce Quiz Participant Apr 2025
- Won 1st place in Collage Making at the Deplomat Event, De Paul College, Mandya May 2024