Preethi P Palankar

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Education

St. Philomena's College (Autonomous)	**Dec 2023 – Oct 2025**
Master of Computer Application, CGPA: 8.0/10	*Mysore, Karnataka*
JSS SMI UG and PG Studies	**Sep 2020 – Oct 2023**
Bachelor of Computer Application, CGPA: 8.2/10	*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(SQL queries, schema design)
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   **May 2025 – Jun 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.
- Designed a responsive React + Tailwind frontend integrated with Spring Boot APIs, enabling smooth user experience and real-time RSVP tracking.
- 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 **Jul 2024**
- Won **1st place** in Collage Making at the Deplomat Event, De Paul College, Mandya **May 2024**