

Sharath Raj H K

📍 Mysore, India ✉ sharathrajhk05@gmail.com ☎ +91-9108544466 📁 Portfolio in LinkedIn 🐙 Github

Education

St. Philomena's College (Autonomous)

Master of Computer Applications (Currently Pursuing); GPA: 7.27

Mysore, India

Jan 2023 - Oct 2025

Bapuji Institute of Hi-Tech Education

Bachelor of Computer Application; GPA: 7.45

Davanagere, India

Jan 2020 - Sep 2023

Skills Summary

Languages : Java, Python.

Databases : MySQL, MongoDB.

Web / Full-Stack : React, Node.js, Express.js, Spring Boot, JWT.

AI/ML Frameworks : TensorFlow, Keras, Scikit-learn, CNN Models.

Tools & Platforms : VS Code, Git/GitHub, Postman, JMeter, AWS.

Experience

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

Mysore, India

Full Stack Developer Intern

June 2025 – July 2025

- Built scalable MERN asset management system with JWT authentication and role-based secure access, improving retrieval speed by 30%.
- Designed a modular React frontend with highly reusable components and CSV/PDF reporting features.
- Tested APIs with Postman, performed JMeter load testing, and successfully deployed on production servers.

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

Remote

AI Intern (Microsoft & SAP Initiative)

Feb 2025 – Mar 2025

- Interned under Microsoft & SAP CSR initiative via Edunet Foundation, focusing on AI applications.
- Contributed to AI-based Resume Screening System by assisting in model design, development, and testing.
- Gained exposure to real-world AI use cases and demonstrated adaptability by learning emerging concepts, enhancing screening accuracy by 15%.

Projects

Neuro Nav - A Multi-Modal System for Hands-Free Computer Control | [Link](#)

September 2025

(React, Python, Flask, OpenCV)

- Built AI virtual mouse using custom eye-state dataset, enabling blink-based control and real-time interaction.
- Trained CNN model for eye detection and integrated head tracking for smooth, accurate cursor movement with 92% accuracy.
- Implemented reliable click actions with prolonged eye closure detection and timed triggers to reduce false positives.

MiniMart – Advanced Integrated Platform for Sales and Inventory Management | [Link](#)

April 2025

(React, Spring Boot, PostgreSQL)

- Built role-based MiniMart app with Admin, Manager, and Staff modules for secure access control.
- Implemented product management, inventory tracking, and order handling via REST APIs to streamline operations, reducing processing time by 30%.
- Delivered end-to-end features with smooth integration, efficient data handling, and reliable daily usability.

Budget Tracker – Intuitive Platform for Budgeting and Financial Planning | [Link](#)

January 2025

(React, TypeScript, Dexie)

- Built budget tracker app to log income, expenses, and savings for effective financial monitoring.
- Added real-time calculations with summaries and interactive charts to provide spending and budget insights.
- Designed intuitive interface with clear reports to support better financial planning and decisions, increasing engagement by 35%.

Certifications

- Certified in Java Programming for Beginners, with practical coding and programming skills | **Simpli Learn**.
- Software Engineering and Agile software development using iterative incremental approaches | **Infosys Springboard**.
- Young Professional Career Edge Certification in Communication, Soft Skills, Interview, IT Basics, and AI | **TCS ION**.

Extracurricular Activities

- Demonstrated my final year project, Neuro Nav, at **Techno Expo 3.0**, St. Philomena's College. Aug, 2025
- Competed in **Dataviz** conducted by the Army Institute of Technology (AIT), Pune April, 2025
- Secured **1st place** in Collage Making in Deplomat event at De Paul College, Mandya May, 2024