

SHIVASUBRAHMANYA K C

Mangaluru, Karnataka, India 575001

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Education

Sahyadri College of Engineering and Management, Mangaluru **2027 – Expected**
B.E. in Computer Science (Artificial Intelligence & Machine Learning) **CGPA: 9.60**

Vivekananda Pre-University College, Puttur **2023**
2nd PUC (PCMB) **Percentage: 94.5%**

Projects

SynergySphere — Team Collaboration Platform — React, FastAPI, MySQL

- Built a full-stack collaboration platform with project management, task tracking, and role-based access control.
- Implemented JWT authentication, real-time updates via WebSockets, and automated email notifications to enhance team efficiency.

AI Mental Health & Burnout Assistant — Hugging Face, Streamlit, FastAPI

- Developed an AI-driven mental wellness system to detect emotions from text, voice, and facial cues, and assess burnout.
- Delivered secure, personalized recommendations with a scalable backend and smooth user experience.

AI Health Tracker — React, Node.js, MongoDB

- Created an AI-powered health monitoring application to track activity, diet, sleep, mood, and stress levels.
- Provided AI-driven insights, including risk assessment and personalized diet planning, through an interactive dashboard.

Skills

Languages & Frameworks: Python, SQL, Java, C/C++, HTML/CSS, JavaScript, React, Node.js, Express.js, MongoDB, MERN Stack.

AI, ML & Data Science: Machine Learning, Deep Learning, Data Science, Data Analysis, Data Visualization, Feature Engineering, Model Training & Evaluation, Predictive Modeling.

Tools & Platforms: Git, GitHub, Jupyter, Vercel, MongoDB Atlas, Postman, n8n, Microsoft Power BI, Figma, Miro, Canva.

Soft Skills: Strategic Thinking, Problem-Solving, Collaboration, Leadership, Clear Communication, Teaching & Mentoring, Technical Writing.

Organizations & Volunteering

Chair, IEEE Computational Intelligence Society **2025 – Present**
Manage chapter activities, coordinate technical events, and promote research and learning initiatives in computational intelligence.

Core Member & Head of Documentation, Synergia **2025**
Served as a core organizing member and managed end-to-end documentation for the entire event, including planning records, reports, and post-event summaries.