

BAVITH L SUVARNA

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Education

Sahyadri College of Engineering and Management
Bachelor of Engineering in Computer Science - **9.36 CGPA**

2022 – 2026

Mangalore, Karnataka

Poornaprajna PU College
Pre-University Education - Science (PCME) - **93.5 Percentage**

2020 – 2022

Udupi, Karnataka

Projects

DeepLock | Python, Flask, OpenCV, TensorFlow, React.js

September 2025

- Built an AI-powered platform leveraging deep learning architectures to detect deepfakes.
- Implemented RESTful APIs and a component-driven React.js frontend to support interactive user access.
- Integrated blockchain to ensure tamper-proof storage of detection outcomes.

QVista | MongoDB, Express.js, React.js, Node.js

March 2025

- Engineered a full-stack queue management system for real-time position tracking, scalability, and admin control.
- Implemented dynamic queue operations including auto-refresh, rejoining, and no-show handling with status tracking (waiting, called, not arrived, served) using RESTful APIs.
- Built a responsive admin dashboard with analytics to monitor queue traffic and optimize service flow.

EaseSpend | MongoDB, Express.js, React.js, Node.js, JWT Authentication, Recharts

December 2024

- Developed a secure full-stack expense tracking platform with JWT-based authentication, role-based access control, and modular RESTful APIs for CRUD operations.
- Built a dynamic, responsive frontend featuring real-time expense summaries, category-wise breakdowns, and interactive data visualizations using Recharts.
- Added timeline-based financial insights with filters for daily, weekly, and monthly analysis to help users track their expenses over time.

Technical Skills

Languages: Java, HTML, CSS, SQL

Developer Tools: VS Code, Git, GitHub, Vercel

Technologies/Frameworks: React.js, Flask, MongoDB,

Soft Skills: Leadership, Problem-Solving, Team Collaboration, Effective Communication, Time Management

Certifications

Prompt Engineering & Programming with OpenAI - Columbia+

Completed: July 2025

Machine Learning I - Columbia+

Completed: September 2025

Database and SQL - Infosys Springboard

Completed: February 2025

Achievements

1st Place in Battle of BlueWhales - Sahyadri Carnival 2025

May 2025

Achieved first place in Battle of Blue Whales - An Ultimate Auction Showdown

SCEM

2nd Place in TechVision-2025

May 2025

Achieved second place in TechVision Event for the project DeepLock

SCEM

Volunteer Experience

Placement Volunteer

Assisted in organizing and coordinating over 10+ campus placement drives.

SCEM