Adarsh Bennur

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EDUCATION

M.S.Ramaiah Institute of Technology — Bengaluru
Bachelor of Technology in Computer Science and Engineering — *2022 – 2026*

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, HTML5, CSS3
Frameworks: React.js, Node.js, Express.js, MongoDB
Core Web Technologies: REST APIs, JWT, Tailwind CSS
AI Tools: Cursor, Windsurf, Warp, Perplexity, Lovable.dev
Tools: Git, Docker, Kubernetes, GitHub Actions, NGINX
Bonus Skills: LLMs, Prompt Engineering, Python ML Libraries (Pandas, NumPy, Scikit-Learn)

PROJECTS

Expense Tracker | GitHub

- Developed a MERN stack platform with 19+ React components, JWT auth, and Tailwind CSS for responsive financial tracking.
- Designed mobile-first UI with Tailwind CSS, improving UX across screen sizes.
- Deployed scalable services via Docker and Kubernetes with HPA and CI/CD using NGINX reverse proxy.
- Monitored performance and reliability using Prometheus, Grafana, and SonarQube.
- **Skills**: React, Node.js, Express, MongoDB, Docker, Kubernetes, Tailwind CSS, JWT, CI/CD.

MSME Survival Predictor | GitHub

- Built a full-stack platform for MSME risk prediction using React, Express, and MongoDB Atlas.
- Enabled real-time scoring with XGBoost ML model embedded via FastAPI microservice.
- Secured user access and data via JWT-authenticated REST APIs with 8+ analytics endpoints.
- **Skills**: React, Node.js, Express, MongoDB, FastAPI, JWT, REST API, XGBoost.

OPEN-SOURCE CONTRIBUTIONS

Dark Mode Feature Integration | GitHub
Pull Request Pending Review — View PR

- Implemented a responsive dark/light mode toggle using React and SCSS, enhancing user experience and accessibility.
- Resolved styling conflicts and ensured consistent theming across all components using CSS variables.
- Improved UI by addressing color contrast and text visibility for better accessibility standards.
- **Skills**: React, SCSS, CSS Variables, Responsive Design.

CERTIFICATIONS

Generative AI for Data-Driven Business Decision-Making — Feb 2025 – Apr 2025
Indian Institute of Management (IIM) Mumbai — NSDC

- Completed a certified executive program from IIM Mumbai on Generative AI for Business Decision-Making, with hands-on learning in prompt engineering, transformer models, and LLM applications.
- Applied GPT-3 and DALL·E to business use cases in supply chain optimization, demand forecasting, and revenue management using predictive and prescriptive analytics.

Machine Learning — Feb 2025 – Mar 2025
Internshala Trainings

- Hands-on training covering supervised & unsupervised learning, Python for data analytics, and machine learning model development.
- Covered core modules including Regression, Classification, Clustering, Data Visualization.