BALAMURUGAN.M

Salem, Tamil Nadu | +91 93428 32880 | balamurugansanthosh007@gmail.com
github.com/Balamuruganmahendran | linkedin.com/in/balamuruganmahendran

OBJECTIVE

Motivated developer with practical experience in front-end development, AI integration, and data analysis. Skilled in using React.js, Python, and AI-powered tools to build smart and efficient applications. Focused on delivering clean, user-friendly solutions that improve performance and productivity.

EDUCATION

B.Tech in Information Technology   **2021–2025**
SRM Valliammai Engineering College, Kanchipuram
CGPA: 7.6

HSC – Jairam Higher Secondary School, Salem   **2020–2021**
Percentage: 80.6%

SSLC – Notre Dame of Holy Cross School, Salem   **2018–2019**
Percentage: 64%

SKILLS

Languages: Python, SQL, HTML, CSS
Frameworks/Libraries: Django, Streamlit, Flask, Tailwind CSS
AI Tools: ChatGPT, Claude AI, DeepSeek, Blackbox AI
Tools: Git, Power BI, VS Code, Figma, Google Colab
Core Focus: Front-End Development, Data Analysis, Prompt Engineering, AI Integration and Development
Soft Skills: Communication, Problem Solving, Creative Thinking, Team Collaboration, Adaptability

PROJECTS

1. AI Emergency Response System — Python
Designed a real-time LLM-based emergency dispatch tool using cloud workflows and GPS routing.

2. Sales and Forecasting Using MLP — Streamlit, Scikit-learn
Developed and deployed a sales forecasting application using MLP Regressor in Streamlit, featuring streamlined data processing and interactive visualizations for actionable insights.

3. Machine Learning for Farmers-Market Connectivity — Streamlit, Scikit-learn   **Jan 2025**
Developed a dashboard for farmers to bridge the gap between farmers and dealers using AI-based recommendations.

PROFESSIONAL EXPERIENCE

Data Science Intern — Gradtwin Services Pvt Ltd   Jan 2025 – Jul 2025
Built ML dashboards in Streamlit, automated pipelines using Scikit-learn.
Received a Letter of Recommendation and Project Completion Certificate from the company for outstanding performance.

Full Stack Intern — Polenza Tech Solutions   May 2024 – Jun 2024
Built front-end/backend modules, integrated Firebase DBs, and implemented AI-based automations.

CERTIFICATIONS

- Prompt Engineering – Udemy (Apr 2025)

- Complete AI Guide – Udemy (Apr 2025)

- Introduction to Responsible AI – Qwiklabs (Mar 2025)

- Data Analytics & Visualization – Forage (Feb 2025)

- Unlocking The Power JavaScript – Scaler (Nov 2024)

- Python for Beginners – Udemy (Jul 2021)

EXTRACURRICULAR ACHIEVEMENTS

- Published: "Essential Voice Interactions (EVI Assistant)" – IRO Journals

- Winner – Institutional philately competition

- Recognized for artistic talent in portrait drawing through campus-level art showcases