
ABOUT ME

I am a dynamic professional with expertise in machine learning, web and mobile app development, skilled in Python, JavaScript, React Native, TensorFlow, and Flask. I am certified in Oracle Cloud Infrastructure for Generative AI, with experience in AI-driven solutions like Autonomous AI Agent, Voice Assistant and full-stack applications across various domains.

EDUCATION

B. Tech : Artificial Intelligence and Data Science
Panimalar Engineering College, Chennai, Tamil Nadu, India

2022-26

SKILLS

Programming Languages: Python, JavaScript, TypeScript, PHP

Machine Learning & AI: Transformers, OpenCV, Gemini APIs, Scikit-learn, AI Autonomous Agents

Web Development: HTML, CSS, Flask, React.js

Mobile Development: React Native, Expo Go

Databases: MySQL, Firebase, MongoDB

Tools & Platforms: Git, GitHub, On Render, Google Cloud, AWS.

LEADERSHIP & ACHIEVEMENTS

- Active participant in hackathons and innovation challenges, demonstrating a commitment to continuous learning and application of skills in competitive environments.
- Led multiple hackathon teams to success by fostering collaboration, maximizing team potential, and driving innovative AI solutions under tight deadlines.

EXPERIENCE

CODSOFT - Machine Learning Intern (May - Jun 2023)

- Developed machine learning models, including fraud detection, to enhance financial transaction security.

Multiple National-Level Hackathons (2023 - 24)

- Competed and ranked #1 in BitNBuilt 24 (Tamil Nadu region), advancing to the Mumbai finals.
- Finalist in 100x Engineers AI Agent Hackathon, qualifying for the Bangalore finale.
- Participated in CODECRAFT 24 and SSN 36-hour hackathon, building innovative AI-driven solutions under tight deadlines.

Speedzy - Co-Founder & Developer (24 - Ongoing)

- Leading the development of Speedzy, a React Native-based all-in-one delivery service.
- Implementing real-time tracking, QR code integration, and push notifications.
- Managing both technical and business strategy for the product launch.

Triblet - Tech Team Lead Developer (24 - Ongoing)

- Lead developer of Triblet, a sports tournament and game management mobile application.
- Built and optimized real-time score updates, leaderboards, and team management features.
- Handling complete app development, ensuring scalability, performance, and smooth UX.

PROJECTS

- **Jarvis:** Developed a Python-based virtual assistant with voice recognition and task automation, enhanced by API integrations for functionality.
 - **Agent Sterling:** Created an AI-driven task management agent using Python, focusing on automation and efficiency for routine tasks.
 - **AI Translator Hub:** Built a web-based translation platform with HTML, JavaScript, and AI models for accurate, efficient language processing.
 - **SportsFiesta:** Developed a JavaScript-based sports event platform to manage and dynamically display real-time sports information.
 - **FestFusion:** Created an event management platform using JavaScript and web technologies to streamline organization and participation.
 - **NeuraCare - AI-Powered Virtual Health Assistant (2024):** Developed a mobile healthcare app with React Native, using AI, Federated Learning, and Firebase for privacy-focused features.
 - **College Feedback Management System:** Built a full-stack feedback system with PHP, MySQL, and JavaScript, featuring multi-role access and automated reporting.
 - **MLB Storyteller (Stat saga) AI-Powered Baseball Platform:** Engineered a full-stack platform on Google Cloud with Fast API and Docker, creating AI-driven MLB narratives.
 - **Insurance Analytics:** Developed an analytics platform for insurance data processing and risk assessment using machine learning models.
 - **Resume Analyzer:** Created a tool for automated resume analysis, evaluating key skills and formatting using NLP techniques.
 - **Expense Tracker:** Built a financial management application using Python and JavaScript to track and categorize expenses efficiently.
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CERTIFICATIONS

NASSCOM: Successfully completed NASSCOM's Cybersecurity Fundamentals Assessment, showcasing proficiency in core cybersecurity concepts

ORACLE: Oracle Cloud Infrastructure 2024 Generative AI Certified Professional Credential validates proficiency in Oracle Cloud's Generative AI services.

Introduction to Data Science: Infosys Limited (via Infosys Springboard) Successfully completed a course covering foundational concepts in data science, equipping me with skills to analyze and interpret data effectively.

Introduction to Python: Infosys Limited (via Infosys Springboard) Gained proficiency in Python programming fundamentals, enhancing my ability to develop solutions for data-driven tasks.

LANGUAGES

- Urdu: First Language (C2)
- English: Advanced (C1)
- Tamil: Proficient (C2)
- Hindi: Upper Intermediate (B2)