AATHIF JAMEEL PM

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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. 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   2022-26
Panimalar Engineering College, Chennai, Tamil Nadu, India

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 - July 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 (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 (Ongoing)

- Sole developer of Triblet, a sports tournament management app.

- 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.

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)