

REGINALD ALFRET V

SOFTWARE ENGINEER | FULL-STACK DEVELOPER | AI ENGINEER

BUILDING
BETTER
TECHNOLOGY
FOR A BRIGHTER TOMORROW

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PROFESSIONAL SUMMARY

Final-year B.Tech Artificial Intelligence & Data Science student and Software Engineer with hands-on experience in building full-stack applications, AI systems and scalable digital products. Currently working at DailyGurus, contributing to ERP solutions, with experience in ERPNext and developing a new ERP platform from scratch. Built and contributed to 70+ projects, including award-winning hackathon projects such as HackIndia 2026 (1st Place), TN Police Hackathon 2025 (1st Place) and Blaze a Trail 2.0 (1st Place). Passionate about solving real-world problems and excited to contribute to innovative technology solutions that make a positive impact.

PROFESSIONAL EXPERIENCE

DailyGurus

Software Developer

Jul 2026 – Present

Chennai, India

- Worked on ERPNext, contributing to module customizations, workflows and application development.
- Currently developing a full ERP software platform from scratch, working across frontend, backend, database and business logic layers.
- Building and maintaining web applications using React.js, Node.js and TypeScript.
- Developing and optimising REST APIs and database integrations to support scalable and reliable software systems.
- Collaborating with cross-functional teams to design, implement and deploy features, following industry best practices.

Data Patterns

Data Science Intern

May 2025 – Jun 2025

Chennai, India

- Developed Python-based web scraping tools to collect aerospace-related research papers and technical data from IEEE sources.
- Cleaned, structured and curated the extracted data for model training.
- Fine-tuned a Large Language Model (LLM) using LoRA (Low-Rank Adaptation) on the curated domain-specific dataset.
- Evaluated model outputs and iterated on data processing and fine-tuning workflows to improve domain-specific performance.

KEY PROJECTS

01

301 Super AI Agents — Sovereign Multi-Agent AI Platform

1st Place – HackIndia 2026

A local-first multi-agent AI platform with 301 specialised agents for real-world task automation.

Python LLMs (Ollama) Agent Orchestration FastAPI React.js OCR Workflow Automation

- Designed and developed a multi-agent AI platform with 301 specialised agents coordinated by a central Agent 301.
- Implemented local model selection, OCR-based document processing, real-time streaming responses and workflow automation.
- Built a user-friendly interface for interacting with agents, supporting offline and on-device inference for privacy-sensitive use cases.
- Won 1st Place at HackIndia 2026, competing against 500+ teams nationwide.

02

TOR-UNVEIL — Dark Web AI Cybercriminal Tracker

1st Place – TN Police Hackathon 2025

Full-stack AI platform adopted for live operational use by Tamil Nadu Police.

Python React.js Node.js REST APIs Tailwind CSS Machine Learning Data Analytics

- Built a full-stack platform for real-time cybercriminal identification and network profiling on the TOR dark web.
- Developed advanced search, suspect profile cards and network graph visualisation for high-volume data.
- Designed role-based interfaces for multiple stakeholders and integrated ML classification models for threat detection.
- Winner of TN Police Hackathon 2025, adopted for live operational use by Tamil Nadu Police.

03

AI Crop Recommendation & Agri-Intelligence Engine

1st Place – Blaze a Trail 2.0

ML-powered recommendation system for precision farming.

Python Machine Learning React.js REST APIs GIS Data Explainable AI

- Developed an ML recommendation engine using soil, weather and GIS datasets to provide actionable farming insights.
- Integrated a REST API backend with a React.js dashboard for real-time data visualisation.
- Applied Explainable AI techniques to make model predictions transparent and accessible to non-technical users.

TECHNICAL SKILLS

Languages	Python, JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3
Frontend	React.js, Tailwind CSS, Bootstrap, Material UI (basic)
Backend & APIs	Node.js, Express.js, REST APIs, Web Scraping
Databases	PostgreSQL, MySQL, MongoDB (basic)
AI / ML	Machine Learning, Deep Learning (basics), LLMs, LoRA, Prompt Engineering, OCR, Computer Vision, Scikit-learn
Tools & Others	Git, GitHub, VS Code, Postman, Docker (basic), Figma, Linux (basic), AWS (basic)

EDUCATION

B.Tech – Artificial Intelligence & Data Science

2023 – 2027

St. Joseph's Institute of Technology, Chennai

CGPA: 8.2 / 10 | No Arrears

ACHIEVEMENTS & AWARDS

- 1st Place – HackIndia 2026 (301 Super AI Agents)
- 1st Place – TN Police Hackathon 2025 (TOR-UNVEIL)
- 1st Place – Blaze a Trail 2.0 (Crop Recommendation)
- Finalist – TN Police Hackathon 2024
- Winner – 6 National-Level Technical Symposiums
- 70+ other projects across AI, Web Development and Automation

CERTIFICATIONS

- Meta Front-End Developer (Coursera)
- React: The Complete Guide (Udemy)
- Google Cybersecurity Certificate (Coursera)
- Figma UI/UX Design Essentials (Udemy)

ADDITIONAL INFORMATION

Languages: English, Tamil, Malayalam

Interests: Technology, Product Development, Open Source

Soft Skills: Problem Solving, Team Collaboration, Leadership, Technical Communication