REGINALD ALFRET V

OPEN-SOURCE CONTRIBUTOR · AI & DS ENGINEER · SOFTWARE DEVELOPER

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Portfolio reginaldalfret.tech

GitHub github.com/reginaldalfret **LinkedIn** linkedin.com/in/reginaldalfret

70+ PROJECTS | **3×** 1ST PLACE | **30** PRS MERGED

OPEN-SOURCE CONTRIBUTIONS

30 pull requests merged across leading engineering organisations

Apple #355 swift-numerics	**Google** #3511 Highway	**Google Cloud** #1863 Data Validator	**Microsoft** #14472 Semantic Kernel	**AWS** #8542 Lambda Powertools
Meta #1899 StyleX	**NVIDIA** #2068 cuOpt	**NASA** #237 ProgPy	**Azure** #359 Cosmos DB Emulator	**Adobe** #445 Skills
Intel #2421 AutoRound	**IBM** #85 Docling Pipelines	**Uber** #716 Kraken	**Airbnb** #169 MagazineLayout	**GitHub** #14592 GitHub CLI
Dell #649 Omnia Containers	**Salesforce** #659 tough-cookie	**AMD** #1231 ROCm HRX System	**SAP** #2136 E-Mobility Simulator	**Pinterest** #657 PyMemcache
Qualcomm #38 Commit Msg Check	**Stripe** #2751 Stripe React Native	**Docker** #26266 Docker Docs	**Apache** #4410 HertzBeat	**Cloudflare** #1451 CFSSL
OpenAI #219 Softnet	**Snapchat** #30 ts-inject	**Spotify** #272 Confidence SDK Swift	**Cisco** #202 cJOSE	**Netflix** #2011 Atlas

PROFESSIONAL SUMMARY

Open-Source Contributor, AI & Data Science Engineer and Software Developer (final-year B.Tech AI & DS) building AI/ML systems, full-stack applications and scalable products. Currently building an ERP platform at DailyGurus. Built 70+ projects, including three 1st-place hackathon winners (HackIndia 2026, TN Police Hackathon 2025, Blaze a Trail 2.0). Author of 30 merged open-source pull requests at Apple, Google, Microsoft, AWS, Meta, NVIDIA, NASA, Netflix, Stripe and more.

PROFESSIONAL EXPERIENCE

DailyGurus

Software Developer — Jul 2026 – Present — Chennai, India

- Worked on ERPNext, contributing to module customizations, workflows and application development.
- Developing a full ERP software platform from scratch across frontend, backend, database and business logic layers.
- Building web applications and REST APIs with React.js, Node.js and TypeScript for scalable, reliable systems.

Data Patterns

Data Science Intern — May 2025 – Jun 2025 — Chennai, India

- Built Python web-scraping tools to collect aerospace research papers and technical data from IEEE sources.
- Curated the data and fine-tuned an LLM using LoRA (Low-Rank Adaptation) on the domain-specific dataset.

KEY PROJECTS

301 Super AI Agents — Sovereign Multi-Agent AI Platform

1st · HackIndia 2026

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

TOR-UNVEIL — Dark Web AI Cybercriminal Tracker

1st · TN Police Hackathon 2025

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

Python · React.js · Node.js · Tailwind CSS · Machine Learning · Data Analytics

- Built a platform for real-time cybercriminal identification and network profiling on the TOR dark web.
- Developed advanced search, suspect profile cards and network-graph visualisation with role-based interfaces and ML threat classification.

AI Crop Recommendation & Agri-Intelligence Engine

1st · Blaze a Trail 2.0

ML-powered recommendation system for precision farming.

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

- Built an ML engine using soil, weather and GIS datasets to deliver actionable farming insights.
- Integrated a REST API backend with a React.js dashboard; applied Explainable AI for non-technical users.

CERTIFICATIONS

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

TECHNICAL SKILLS

AI & DATA SCIENCE

Machine Learning · Deep Learning · LLMs · LoRA · Prompt Engineering · OCR · Computer Vision · Explainable AI · Scikit-learn · Data Analytics

LANGUAGES

Python · JavaScript (ES6+) · TypeScript · SQL · HTML5 · CSS3 · Go · Swift · C++

OPEN SOURCE

Git · GitHub · Pull Requests · Code Review · Bug Fixing · Regression Testing · Documentation · CVE Fixes

SOFTWARE DEVELOPMENT

React.js · Node.js · Express.js · FastAPI · REST APIs · Tailwind CSS · Bootstrap · Material UI · ERPNext

DATABASES

PostgreSQL · MySQL · MongoDB

TOOLS & PLATFORMS

Docker · AWS · Linux · Postman · Figma · VS Code

EDUCATION

B.Tech – Artificial Intelligence & Data Science

St. Joseph's Institute of Technology, Chennai

2023 – 2027

CGPA 8.2 / 10 · No Arrears

Languages:
English, Tamil, Malayalam

ACHIEVEMENTS

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