VASANTH GEETHAN RAJU

(415) 815-8752 | vasanthgeethan.raju@gmail.com | **San Francisco, CA**
https://www.linkedin.com/in/vasanthgeethanraju | https://github.com/vasanthgeethanraju | Portfolio

---

Software Engineer with 7+ years of experience building customer-facing applications using React, TypeScript, Node.js, and MongoDB. Experienced in owning features end-to-end, improving complex workflows, and shipping reliable products. Hands-on experience building AI agents and integrating LLMs into real-world applications.

TECHNICAL SKILLS

- **Frontend**: React, TypeScript, JavaScript, Next.js, Tailwind CSS, AngularJS, HTML, CSS
- **Backend**: Node.js, Java, Python, REST APIs, MongoDB, PostgreSQL, MySQL, Supabase
- **AI & Tools**: OpenAI API, AI Agents, RAG, LLMs, Prompt Engineering, Claude Code, Cursor, Codex
- **Testing & CI/CD**: Cypress, Playwright, Git, GitLab, CircleCI

EXPERIENCE

Software Engineer | *Fortress Information Security, San Francisco, CA, USA* | July 2022 - April 2026

- Built and maintained core platform features using ***React, TypeScript, Node.js, and MongoDB***, including single-page applications, role-based access control (RBAC), and data-heavy MUI grids
- Designed a self-service automation rules feature with a ***React UI, REST APIs, and MongoDB***, replacing hard-coded configurations and reducing recurring developer requests
- Built ***MongoDB aggregation pipelines and Node.js services*** supporting reporting, dashboards, and customer workflows
- Worked with product, UX, and enterprise clients to simplify workflows, reducing manual steps by ~40% and client onboarding time by ~25%
- Owned features from requirements through production, delivering secure releases with zero critical regressions across multiple launches
- Used ***Claude Code, Cursor, and Codex*** to speed up implementation, debugging, and code reviews
- ***Mentored*** engineers on code quality, system design, and root-cause debugging

Automation Engineer | *Fortress Information Security, Boise, ID, USA* | July 2020 - July 2022

- Built a ***Cypress UI/API testing framework*** and integrated it into CI/CD pipelines, improving regression detection and release reliability.
- Investigated production issues with enterprise clients and reduced recurring frontend bugs by ~30%.

Software Engineer | *LeanLaw, Boise, ID, USA* | Sep 2019 - July 2020

- Built and improved time-tracking and billing workflows using ***AngularJS and React***, improving billing accuracy and user experience
- Developed Cypress API/integration tests and integrated them into CI/CD pipelines

Software Engineer Intern | *Roots Family History, Boise, ID, USA* | Sep 2018 - Nov 2018

- Built a NASA-imagery Earth poster generator web app using ***JavaScript, PHP,*** and ***SQL***

Software Engineer | *Cognizant, Chennai, Tamil Nadu, India* | Feb 2016 - July 2017

- Fixed data quality issues (missing labels, incomplete shipment records) in 3M's system using ***Java*** and ***SQL***

PASSION PROJECTS

SF Penya Agent**:** AI agent built with ***TypeScript*** + ***OpenAI API*** that pulls match fixtures, transit, weather, and event data to generate WhatsApp, Instagram, and email content for FC Barcelona's SF Fan Club
Job Search Tool: Personal ***React*** + ***TypeScript*** app that pulls listings from multiple job platforms into a single search
Smart Portfolio Assistant: ***RAG*** chatbot built on ***OpenAI API*** + ***Supabase*** vector DB, from ingestion to response

EDUCATION

Master of Science in Artificial Intelligence | Indiana Wesleyan University, *Hybrid* | Expected May 2028
Master of Science in Computer Science | *Boise State University, Boise, ID* | May 2020

- eCLIAS: Built and published an open-source ***Java*** plugin that improves code search and maintenance

Bachelor of Engineering in Computer Science and Engineering | *Anna University, Chennai, India* | May 2015