Gabriel Levi Carneiro Ramos

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Education

Boston University   **Expected Graduation: May 2026**
Bachelor of Computer Science — Minor Business Administration   *Boston, MA*
- Courses: Operating Systems, Analysis of Algorithms, Combinatoric Structures, Geometric Algorithms, Theory of Computation, Intro to Databases, Software Engineering, Full Stack Development

Work Experience

Find Me   **May 2025 – Jul 2025**
Fullstack Software Developer   *Remote*
- Designed and implemented a centralized **logging and monitoring system** for the company's **Express.js** backend using **Prometheus** and **Grafana**, orchestrated with **Docker Compose**.
- Developed and deployed **RESTful APIs** for backend services and microservices with **Express.js**, integrating **JWT**-based authentication, validating endpoints with **Postman**, and ensuring reliability through unit tests in **Jest**.
- Architected a scalable **followers and connections microservice** by combining **Express.js** for API logic with **Azure Functions** for serverless execution.

Esurgi, Inc.   **Jan 2025 – Jun 2025**
Software Engineer (WebApp, iOS)   *Remote*
- Led development team to refactor the company's **React.js** web application into **Next.js**, leveraging **Firebase**, **Google OAuth**, **Material UI**, **Styled Components**, and ensuring reliability with **Jest** unit/integration testing.
- Implemented **CI/CD pipelines** for web and iOS applications using **GitHub Actions**, streamlining deployments and reducing release times by 90%.
- Developed **iOS app components** with **Swift** and **SwiftUI**, contributing to cross-platform feature parity.

Ernst & Young   **May 2024 – Aug 2024**
Software Engineer Intern   *São Paulo, Brazil*
- Built **customer identity and credit card verification service** with **JavaScript**, tested and documented **RESTful APIs** with **Postman** and **Swagger**.
- Automated accounting workflows for client's IPO readiness with **Python, NumPy, pandas, Matplotlib, openpyxl**, and **requests** libraries, and deployed solutions in **Docker** for scalability.

Projects

GrantWare AI | *Website* | Source Code   **Python | Next.js | LangGraph | LangChain | LangFlow | RAG**
- AI-powered platform to help school districts streamline their grant lifecycle: from discovering relevant funding opportunities to managing and writing applications.
- Built a Python grant data scraping pipeline using **Beautiful Soup, Selenium, Firecrawl, and the OpenAI API**, managed with **Pipenv** and deployed via **GitHub Actions** for automated data collection and processing.
- Built an **AI Agent API** with **Next.js API routes**, integrating specialized AI agents: **Search Agent**, and a **Writer Agent**, powered by **LangChain**, **LangGraph**, **LangFlow**, and **n8n**.
- Developed a **RAG pipeline** with **Supabase Vector Store DB** and **OpenAI 3.5 Mini** embeddings to store and retrieve user files.
- Mentored by **Red Hat engineers** with project funding of **$8,000** through the **Red Hat Collaboratory at Boston University.**

Feature Ship | *Website* | *Source Code*   **Typescript | NextJS | Firebase**
- Feature and feedback management platform, with Kanban board to streamline feedback into features.
- Built with **Firebase** for database and CRUD operations. **React.js** and **ShadCN** for user interface, **Next.js** for server side logic and APIs. Together with **Google/Github OAuth** for user authentication.

Technical Skills

Languages: Python, Java, Swift, JavaScript, TypeScript, SQL, XML, HTML5, CSS, C

Developer Tools: Postman, Swagger, Docker, Github, Gitlab, Firebase, MongoDB, Supabase, Figma, Azure, AWS

Libraries/Frameworks: ExpressJS, NodeJS, ReactJS, NextJS, ReactNative, Expo, Django, Flask, FastAPI, PostgreSQL, BeautifulSoup, Selenium, Firecrawl, TailwindCSS, ShadCN, Material UI, LangChain, LangGraph