

# Gabriel Rawlings

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## PROFESSIONAL SUMMARY

Detail-oriented and results-driven Software Engineer with hands-on experience in full-stack web development, cloud computing (AWS), API design, and AI integrations. Proven track record of delivering scalable solutions in Agile environments. Skilled in building RESTful APIs, deploying applications in cloud environments, and implementing machine learning solutions for automation and analytics.

## TECHNICAL SKILLS

Programming: Python, JavaScript, TypeScript, C++, SQL, Bash  
Frameworks & Libraries: React, Node.js, Express.js, FastAPI, Flutter  
Databases: PostgreSQL, MongoDB, Firebase  
Cloud & DevOps: AWS (Lambda, EC2, S3), Docker, GitHub Actions, CI/CD Pipelines  
Tools: Git, VSCode, Postman, Jira, Jest, Supertest  
AI/ML: OpenAI API, LangChain, HuggingFace, scikit-learn, GPT-4

## EDUCATION

Bachelor of Science in Computer Science  
Georgia State University, Atlanta, GA  
Expected Graduation: July 2025 | GPA: 3.62  
Dean's List (2021-2024)  
Relevant Courses: Data Structures, Algorithms, Operating Systems, Web Programming, Big Data, Software Engineering

## PROFESSIONAL EXPERIENCE

Software Engineer Intern (Remote)  
CrestaSoft Technologies | May 2023 - Present

- Developed a real-time analytics dashboard using React, WebSockets, and Node.js.
- Refactored backend microservices to enhance modularity and increase test coverage with Jest and Supertest.
- Integrated OpenAI GPT-based summarization tools to generate natural language insights.
- Collaborated with cross-functional teams in Agile sprints.
- Authored API documentation and mentored new developers.

Contract Software Engineer (Remote)  
NeuroMap AI | Jan 2023 - Mar 2023

- Designed and deployed RESTful APIs using Node.js and PostgreSQL.
- Improved backend response time by 25%.
- Managed deployments on AWS EC2 and conducted API testing with Postman and Jest.

Backend Developer Intern (Remote)  
LinkNet Solutions | Jun 2022 - Dec 2022

- Built logistics APIs with FastAPI and OAuth2/JWT authentication.
- Deployed serverless functions on AWS Lambda and automated workflows using GitHub Actions.
- Integrated Stripe API for transaction processing.

Junior Research Developer  
Center for Applied Software Research - GSU | Jan 2022 - May 2022

- Created Python scripts to extract GitHub metadata.
- Analyzed developer behavior using pandas and matplotlib.
- Trained ML models with scikit-learn to classify repository activity.
- Presented research findings at a university symposium.

## PROJECTS

PDF Resume Analyzer

- Full-stack app using React, Node.js, Express, and PostgreSQL with OpenAI integration.
- Built admin panel with Clerk authentication.
- Deployed to Vercel and Render with HTTPS.

AI Code Review Bot

- GitHub-integrated bot using LangChain, GPT-4, and GitHub Actions.
- Plugin architecture with ESLint, Pylint, and TypeScript for code analysis.

Weatherly Mobile App

- Built with Flutter, Firebase Auth, Firestore, and OpenWeatherMap API.
- Features: user login, theme switch, push notifications, and offline support.