Lorenzo Gastaldi

SOFTWARE ENGINEER

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Summary

I am an aspiring **software engineer** with 3 years of practical experience building full-stack applications from the ground up which incorporate industry standard cloud technologies, databases, and deployment practices. In both personal and professional roles, I have worked with cross functional teams to develop unique solutions with tangible value, driven by a passion for building scalable and impactful technologies.

Experience

The Coca-Cola Company | Digital Innovation Intern   June 2024 – August 2024

- Designed and implemented an ML-powered platform to process sales data and optimize promotional strategies.
- Streamlined sales workflow, contributing up to 15% revenue growth across a market of 30 million customers.
- Consulted cross-functional teams and bottlers to align developing solutions with real-world business needs.
- Engaged with international, multilingual tech consulting firm to orchestrate successful platform implementation.

Solv AI Technologies LLC | Software Engineer, Co-Founder   June 2023 – May 2024

- Engineered an GPT-backed RAG model leveraging the Canvas API to provide course-specific interactions.
- Built and deployed a full-stack web application on Microsoft Azure, serving up to 500 weekly active users.
- Conducted customer research to iteratively refine user experience, driving continuous improvement.

Gezzo's West Coast Cantina | Server, Host   April 2024 – Jun 2024

- Maintained composure in high-pressure environments while upholding strong customer service standards.
- Managed service for up to 24 customers simultaneously, overseeing approximately 80 customers per shift.
- Optimized workflow by dynamically delegating tasks to the appropriate team members

Education

Georgia Institute of Technology, BS Computer Science   2025

- **Major GPA**: 3.88, Highest Honors
- **Concentrations**: Artificial Intelligence, Data Management
- **Relevant Coursework**: Machine Learning, Database Systems, Algorithm Design and Analysis, Networking

Skills & Abilities

- **Programming Languages**: Python, Java, C, MySQL, JavaScript, Typescript
- **Technical Skills and Tools**: REST APIs, Flask, Docker, Version Control, DevOps, CI/CD, Azure, AWS, GCP, Firebase, Sockets, Algorithm Design, Neural Networks, RAG, PyTorch, TensorFlow, NumPy, Pandas, React
- **Languages**: Fluent English, Fluent Spanish, Basic French

Personal Projects

StoryBoard AI, Visual Content Generation Platform   April 2025 – Present

- Developed a Flask-based platform that transforms user submitted stories into visual narratives.
- Integrated AWS S3 bucket to support content storage and seamless media delivery.
- Actively developing a mobile-compatible web application with plans to extend functionality to a native iOS app.

Thrifti, College Marketplace Application   January 2024 – May 2024

- Built a smooth, responsive frontend using React Native integrate with real-time update from backend.
- Designed and deployed a containerized Flask API on GCP enabling analytics and vector-based similarity search.
- Integrated Google Firebase for scalable data storage, image hosting, and real-time messaging.
- Facilitated weekly agile-style meetings across a distributed team working on interdependent components.