Barrett Ruth

linked.com/in/barrett-ruth | barrett-ruth.github.io | GitHub

Skills

- Python, Javascript, C++, C, TypeScript, CSS, HTML, Java, Lua, Bash, TailwindCSS
- React, Flask, Django, Express, PostgreSQL, MariaDB, SQLite, Redis, PyTest
- Docker, Groovy, Jenkins, Google Cloud Platform, Git, Kafka, Swagger

Education

University of Virginia, Charlottesville, VA   August 2022 - May 2026
Bachelor of Computer Science, Bachelor of Economics   GPA: 3.97/4.0

Experience

Nth Venture Studio - CERTD   February 2023 - August 2023
Full-Stack Software Engineer, Artificial Intelligence Intern

- Independently developed company MVP solution shared with CEO and investor board
- Reduced content creation time by 80% by migrating data to cloud using event processing with Redis and RQ
- Designed and implemented an automated assessment and content-creation process for clients with Flask, PostgreSQL, and machine learning transformer technologies
- Ensured timely completion of projects to meet studio deadlines by effectively collaborating with both studio CTO and CERTD staff

GoTransverse   August 2020 - February 2023
Full-Stack Software Engineer

- Pioneered internal environment release management system for internal products using Swagger, Flask, scripting, and MariaDB technologies
- Reduced the time to dispatch jobs by 25% by revamping frontend UI with ReactJS and TailwindCSS technologies
- Managed revenue and batched job details to ensure consistent, correct, and intelligent cloud billing operations for clients at an international scale
- Consistently met product release deadlines by maintaining effective mentor and team communication in both online and in-person environments during school years over 16 consecutive months

Projects

theCourseForum   August 2022 - Present
Vice President, Head of Engineering

- Oversee university-wide website operations, application infrastructure, and team coordination
- Reduced website downtime from 8 hours 2 hours (a 75% reduction) by coding automated crash reports and employing lean six-sigma methodologies to reduce miscommunication between developer roles
- Organize the interviewing and training of new recruits in Django, JavaScript, and MySQL technologies

Atlas   July 2023 - Present
Software Developer

- Developed in-depth blog
- B
- C

nvimdev   August 2023 - Present
Software Organization, Core Maintainer

- Publish and maintain projects with 6,000+ github stars supporting Neovim code editor ecosystem
- Implement features and address bugs within a 24-hour window working asynchronously with global team
- Quickly adapt to fragile external APIs, ensuring timely and robust plugin updates