Julia Sarris

Full-Stack Engineer

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Team oriented, self-managing full-stack engineer with a love of problem-solving. Learns quickly and has a deep expertise in application development. Looking for a long-term project on a diverse and inclusive team.

Work Experience

Backend Engineer II
Aug 2021 - Sep 2023

Fexa | New Jersey

- Contributed thousands of lines of maintainable code and performed numerous code reviews as part of our software development team.
- Guaranteed product quality and adherence to best practices through openness to providing feedback and demonstrated capacity to communicate asking questions and planning with cross-function teammates in agile development.
- Wrote critical integrations between our product and third party apps.
- Devised architectural plans and implemented innovative integration between our platform and HVAC machinery in thousands of a key client's nationwide stores.
- Designed a queueing layer for our integrations system to improve application responsiveness.
- Participated in weekend on-call rotation to assist troubleshooting customer issues and security operations.

Automation Engineer
Aug 2019 - Mar 2021

Barclays | New Jersey

- Modernized internal Barclays teams' cross-function data exchange, allowing users to concisely manage data for internal audit compliance.
- Built a web application for internal teams to automatically manage microservices.
- Determined to reduce technical debt, performed extensive team development, encouraging them to both adopt agile methodologies as well as integrate Kubernetes into our ALM to improve operational processes, achieving six nines of uptime on our systems.

Machine Learning Intern
Aug 2018 - Dec 2018

University of Pittsburgh | Pittsburgh

- Designed and researched a data modeling algorithm for cell detection in electron microscopy images for the university's healthcare bioinformatics department.
- Took the initiative to automate preprocessing of news articles from human rights sites for processing with Pandas and Beautiful Soup, saving the polisci department thousands of dollars paying students to do this manually.

Core Skills

Languages : Python, Ruby, Java, Javascript / CSS / HTML (ext.js, vue.js, angular.js), C++, SQL, Bash, AI, Agile, API Development, CI/CD, Software design methodology, Development Tools : GPTs, Git, Linux, Docker, AWS (DynamoDB, EC2, S3, RDS), Kubernetes, Relational Database Management Systems (PostgreSQL)

Education

University of Pittsburgh

Bachelor of Science Computer Science