

Nathan Sanchez

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[github](#) | [linkedin](#)

EDUCATION

Computer Networking

Lorenzo Walker Technical Institution

May 2016 - Apr 2017

Naples, FL

Computer Programming

Lorenzo Walker Technical Institution

May 2017 - Apr 2018

Naples, FL

SKILLS

Programming Languages Python | JavaScript | TypeScript

Technologies AWS BS/EC/EC2/ELB | Terraform | Docker | ReactJS | NextJS | Flask | Postgres | MongoDB

EXPERIENCE

Adaptive Computing

November 2023 - Current

Full-Stack Software Developer

Naples, FL

- Maintained and enhanced a cloud resource manager application, introducing an innovative image marketplace for the top 3 cloud providers, streamlining access and deployment for users.
- Led the integration of the E4S image, comprising 121 AI/ML and scientific workload tools, into our platform, enhancing HPC resource provisioning and user capabilities.
- Developed tools and websites to promote new product releases, significantly contributing to sales efforts and product visibility in competitive markets.

100Devs

Sep 2022 - Oct 2023

Software Engineer Trainee

Remote, USA

- Engaged in front-end development for diverse projects, collaborating closely with teams to ensure timely completion and high-quality outcomes.
- Provided mentorship to trainees and junior developers on software development practices, enhancing team skills and project efficiency.
- Contributed to significant documentation efforts, ensuring comprehensive coverage of project features and guidelines for tool usage.
- Led rigorous testing processes for projects, guaranteeing reliability and optimal performance of software solutions developed.

NOTABLE PROJECTS

Adaptive Computing Demo Website

Jan 2024 - Feb 2024

Full Stack Developer

Naples, FL

- Developed a full-stack web application allowing users to demo cloud-based solutions for Adaptive Computing's on-demand data center, and on-premise solution for demoing E4S for AI/ML workloads.
- Designed an admin dashboard to track demo account statuses and facilitate user interaction, enhancing user experience and feedback management.
- Leveraged modern technologies such as MongoDB, Next.js 14, TypeScript, and the Shadcn component library for UI development.
- Ensured scalability and reliability for both cloud and on-premise solutions, incorporating advanced database management and secure user authentication.

ODDC Cloud Resource Manager

Nov 2023 - Feb 2024

Full Stack Developer

Naples, FL

- Collaborated with a 10-member development team on the ODDC Cloud Resource Manager project by Adaptive Computing.
- Significantly refactored and streamlined a complex codebase, reducing code complexity and improving overall efficiency.
- Introduced a Marketplace feature, enabling users to deploy clusters with pre-built images. Focused on seamless integration of the E4S image containing 121 scientific and AI/ML apps and tools.
- Collaborated on infrastructure enhancements using Terraform, expanding support for custom images and multiple cloud providers (AWS, Azure, GCP, Oracle, AliCloud, Open Telecom Cloud).
- Played a key role in delivering new releases and maintaining project stability, contributing to the project's ongoing success.