Daniel Tymecki

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Professional Summary

Dynamic Full Stack Software Engineer with extensive expertise in web development, cloud architecture, and real-time event-driven systems. Proficient in Python, Angular, React, Node.js, and AWS, with a track record of delivering innovative solutions to complex challenges. Developed a reputation for combining technical prowess with a passion for problem-solving to drive transformative outcomes in high-pressure environments.

Work Experience

Millennium - Full Stack Software Engineer

January 2023 - Present   *Miami, FL*

- Spearheaded the development of Millennium's cutting-edge portfolio management cloud-based tooling suite by orchestrating seamless collaboration with backend developers.
- Provided dedicated support to quantitative risk, senior management, and portfolio management teams, refining operational workflows and enhancing user experience.
- Innovated and crafted dynamic front-end applications crucial to millions of global users, leveraging Angular TS 16 and React to deliver intuitive user interfaces.
- Championed Agile methodologies, fostering a culture of continuous improvement and delivering high-quality software solutions on time and within budget.

L3Harris - Sr. Associate Software Engineer Level II

November 2021 - January 2023   *Palm Bay, FL*

- Promoted to lead an integrated product team of engineers to develop a cloud-based platform for autonomous antenna requisitioning to service missions from several clients.
- Advised a team of senior systems engineers on software practices and microservice-oriented systems design for a 200M software redesign effort.
- Architected and developed a configurable, multi-threaded, Python-based simulation engine microservice, winning a key business pursuit valued at over 500M.

L3Harris - Associate Software Engineer Level I

January 2020 - November 2021   *Palm Bay, FL*

- Hired as a full-stack engineer to aid in creating a cloud-based, mission integration distributed system.
- Collaborated with astrophysicists to develop faster-than-realtime C++ flight software for satellites.
- Developed a server-side caching system in Typescript that reduced user load times by 24%.

Education

University of Florida, Herbert Wertheim College of Engineering   *Gainesville, FL*
B.S.E Computer Science Engineering with a Minor in Entrepreneurship   *July 2016 - December 2019*

Skills

Languages: Python, C++, Java, C#, Javascript, Typescript, HTML, CSS
Databases: Postgres, SQL, MongoDB

Frameworks: Flask/Falcon, Angular, React, OpenAPI, Node.js, Kafka, RabbitMQ
Tooling: Linux, Git, Docker, Kubernetes, AWS, Jenkins, VS Code, Atlassian Developer Suite