

Montaniz Stills

Software Engineer, Consultant, Educator

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Mercer County, New Jersey

SUMMARY

As an ambitious and ethical individual, I am seeking mid-level to senior Software Engineering roles where I can bring my diverse work experience and ongoing education to make a long-term impact on growth and results. I value contributing to a strong team culture where my leadership, collaboration, and creativity efforts are highly regarded.

EDUCATION & CERTIFICATIONS

Ph.D in Computer Science - Rutgers University, Newark Campus
Candidate

Master of Science in Computer Science - Fairleigh Dickinson University, Metropolitan Campus
December 2024

Bachelor of Science in Mathematics - Fairleigh Dickinson University, Metropolitan Campus
Minor in Computer Science and Business Administration
May 2018

AWS: Certified Cloud Practitioner; Developer Associate; Solution Architect; Machine Learning

PROFESSIONAL EXPERIENCE

Vertex, Inc. **November 2020 - May 2024**
Test Engineer I

- Developed and maintained internal tools for continuous integration and deployment of patches and service updates to improve product quality.
- Supported testing and deploying SaaS products during internal shift from “off-the-shelf” product line(s) to cloud-based SaaS.
- Implemented and consulted on Lean-Agile, Scrum, and Kanban methodologies, including technical training and workshops for junior engineers, and reinforced Agile concepts, as a SME, resulting in: enhanced team and process efficiency; increased epic burndown; decreased story carry-over; and strengthened relationships between product and engineering.
- Cross-functional QA automation engineer, assisting in the implementation of various test frameworks and test design patterns, becoming the subject-matter expert on automation practices.

Curriculeon **November 2020 - Present**
Primary Teaching Assistant

- Lecture ad-hoc and write course material for an online learning platform served through Discord, students awarded roles in: JPMC ETSE programs, other organizations.

Fairleigh Dickinson University **August 2022 - December 2024**
Teaching Assistant / Tutor

- Provided in-class assistance.
- Worked with University Staff to provide reports to faculty with insights in student learning leading to changes in curriculum and university programs.

Mercer County Community College
Trenton Public Schools

November 2020 - July 2021

Technical Instructor

- Taught courses, building a pipeline to increase student enrollment in IT and Engineering courses.
- Created curriculum for upcoming academic years and taught Web Development cohorts, grades 6-12.
- Launched initiative to increase student enrollment in IT courses via after school programs.

PROJECTS

AutoJIRA: An online platform for students to practice Agile Methodologies in JIRA, written with Jython.
(Zero2Dev.net)

Nezonium: A scalable, extensible web testing framework written in Java.

Machine-Learning-Playground: Various implementations of ML models, i.e; GPT-2, Transformer LLMs in Java, Python, Rust, Go

LANGUAGE

English (Native) • Spanish (Limited Working Proficiency)

TECHNICAL SKILLS

Development of RESTful Microservices | Familiar with Serverless and Serverful IaaS deployment stacks | Familiarity with AWS and GCP

- **Python:** Django | Flask | Pytest/Unittest | Robot | Locust
- **Java:** Spring Boot | Logger4j | TestNG/Selenium/JUnitx | JMeter
- **C#:** .NET (Asp.NET)
- **TypeScript:** Angular/React/Node.js/Next.js/Vue.js | Jest
- **SQL RDBMS:** Hibernate | JPA | SQLAlchemy |
- **CI/CD:** Github Actions | Jenkins | TravisCI | CircleCI | Postman
- **User-Management/Authentication, LDAP:** Auth0 | Azure Active Directory | Okta
- **Containerization, Orchestration:** Docker | K8 | Ansible | Terraform
- **AI:** Tensorflow/pyTorch | DeepLearning4j | CUDA/cuDNN
- **Big Data:** Spark, Kafka, R
- **Mobile:** Kotlin, Swift

