Marlin Makori
Software Engineer

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University of Colorado Denver
B.S in Computer Science & Engineering

General Assembly
Full-Stack Development Program

Skills

• Python • Go • Typescript • MongoDB • PostgreSQL • Express.js • Node.js • Mongoose • Postman • Cheerio.js • AWS • JQuery • Regex • React.js • Chart.js • Cypress.io • Terraform • Docker • Playwright • Django • Redux • MUI • Figma

Experience

Software Developer - Occamsec Cybersecurity   *September 2022 - Present*

- Developed and maintained a suite of vulnerability-scanning tools that automated penetration testing in Docker images, hosted on AWS ECR
- Implemented data visualization charts that highlighted vulnerability issues affecting clients' systems
- Managed AWS resources using Terraform, including configuring EC2 instances, S3 buckets, and Step Functions.
- Optimized Django API endpoints, reducing response times by 50%.
- Improved React table component performance by implementing pagination and lazy loading, resulting in a 40% decrease in load times.
- Configured error logging environments in Sentry, allowing for real-time monitoring of critical errors and faster response times to resolve issues.

Full-Stack Instructor's Associate - General Assembly   *August 2022 - February 2023*

- Provided classroom, and individual training to students enrolled.
- Created a positive, professional learning environment that fostered student growth and curiosity, resulting in an increase in student engagement and a 20% improvement in grades.
- Collaborated with the management team through weekly progress reports, bi-weekly check-ins, and ongoing communication to identify training gaps and provide real-time updates on student progress.
- Kept pace with the latest technologies by enrolling in a professional development course that covers different stacks

Software Engineer - Short's Travel Management   *February 2021 - August 2022*

- Developed a RESTful API using Express and Node to track and update college sports data.
- Collaborated with the CTO to develop data models that addressed key business problems, resulting in an increase in sales opportunities.
- Developed a comprehensive suite of automated tests, including unit, integration, functional, and performance tests using Jest, to ensure the reliability and performance of the company's software applications.
- Managed the collection of new data and refined existing data sources, resulting in an increase in data accuracy and a reduction in data processing time.
- Utilized best practices in web scraping, including tools like Cheerio.js and Playwright, to extract big data from multiple sources.

Data Scientist Intern - Lockheed Martin   *June 2017 - September 2017*

- Utilized Python and Pandas to import, clean, and transform large data sets for analysis.
- Increased data accessibility by preparing and warehousing large data sets.
- Applied advanced data structures and algorithms, including sorting algorithms like quick sort and search algorithms like binary search, to efficiently manipulate and analyze large data