

Gideon Wikina

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EDUCATION

Rochester Institute of Technology

Rochester, NY

Bachelor of Science in Software Engineering, 3.5, National Society of Black Engineers (NSBE) Aug 2019 – Dec 2023

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, PHP, C++, C, C#, Go, SQL (Postgres, MySQL), HTML/CSS, GraphQL

Frameworks/Tools: Maven, Gradle, Apache Spark, React, Express.js, Flask, JUnit, Mockito, Pytorch, Postman

Technologies: API, Node, Yarn, AWS(S3, Amplify, Ec2), GCP, Database, NoSQL, Git, Docker, Kubernetes

EXPERIENCE

Software Infrastructure Engineering Intern

May 2023 – Aug 2023

F5 *Seattle, WA*

- Enhanced SRE incident resolution by 55% by producing a Go based command-line tool integrated with Kafka, enabling streaming of critical debugging data
- Saved 1.2 million terabytes of storage annually by the extending data platform beyond customer S3 buckets to support multiple logging services via Go templates
- Employed Prometheus.io to monitor and collect metrics from the system, allowing for real-time performance data
- Implemented Kubernetes for efficient container orchestration and integrated CI/CD pipelines to automate processes

Software Engineering Intern

Sep. 2022 – Dec 2022

Linkedin *Sunnyvale, CA*

- Launched Java powered web experience that reduced costs by over 153k, decreased manual cases by 9k, and cut ID Verification submissions by 12k per quarter, by enabling password resets using secondary handles.
- Collaborated with Legal and Product Management teams to design and document masking algorithm for privacy
- Ensured robust and reliable software quality by using Mockito for agile test driven development

Software Engineering Intern

Jun. 2022 – Aug 2022

American Express *Sunrise, FL*

- Streamlined back-end JSON changes with an interactive react front-end, slashing development time by 50% daily
- Leveraged Java and BPMN2 to build a system for automating the manipulation JSON and converting to XML
- Utilized Yarn and Node.js to facilitate synchronization with cloud storage for data accessibility and redundancy
- Verified the integrity of each XML component within the micro-services environment, ensuring accurate flow models

Software Engineering Intern

Aug. 2021 – Dec. 2021

Chick-fil-A *Atlanta, GA*

- Designed and implemented a robust Boto3 Python script that automated invoice routing process, leveraged AWS Comprehend using machine learning to achieve a 95% accuracy rate in invoice classification
- Integrated AWS services, including DynamoDB for data management and EC2 for processing, allowing for handling a large volume of incoming invoices
- Allocated for resource management using advanced analytics & data visualizations from Pandas and Matplotlib

Projects

Educe.club | *React, React Native, JavaScript, AWS Amplify, GraphQL, DynamoDB, Git* <https://app.educe.club/>

- Deployed tailored platform services using React and React Native for an enterprise startup, serving 30+ customers
- Transformed data communication with GraphQL, optimizing queries, and minimizing network overhead
- Utilized AWS Amplify for efficient development workflows, facilitating swift iteration and feature deployment
- Developed scalable data storage solution with DynamoDB for efficient organization and retrieval of critical data

Online Checker Game | *Java, Apache Spark, Maven* github.com/gwikina/webcheckerss

- Implemented core features for a Java based online checkers game, using data structures & algorithms
- Leveraged Spark micro web framework for RESTful APIs and HTTP request handling, improving scalability
- Integrated FreeMarker template engine for dynamic content generation using template-driven web development
- Configured and managed project dependencies using Apache Maven, ensuring a streamlined build process, artifact management, and consistent project structure