New York, US
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Erik Salto

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Software Engineer with professional experience in back-end development of high-performance applications and machine learning platform engineering. Proven ability to design, code, and test complex software components including restful services and graphQL services using Java, Javascript and frameworks like Spring Boot and Node.js. Extensive experience debugging and optimizing existing applications for improved performance. Adept at collaborating with other engineers, product managers, and stakeholders to deliver high-quality products that meet the needs and expectations of the customers.

Technologies and Languages

- Languages: Java, Javascript, Kotlin, C++, Python, GraphQL, XML
- Technologies: MySQL, Postgres, AWS, Git, Jenkins, Docker, Github actions, **Azure AI studio**
- Frameworks: Spring Boot, Node.js, React.js, Express.js, Apollo GraphQL, **TensorFlow**

Work Experience

Software Engineer   **American Express**   **Feb 2023 – Present**
                                   NY, US

- Designed and implemented a standard approach to steer business units to adhere to ISO standards increasing quality of data which our graphql layer serviced, decreasing bugs in **data aggregation** and increasing data quality across consumers querying millions of requests per day.
- Decreased over fetching rest api's on the our graphql aggregation layer further decreasing our queries and mutations time to aggregate data by at times 50% less
- Led 15 new grad engineers (class of 2023) as an exemplary fellow colleague to guide and manage concerns and enhance experience through new grad programs by aggregating input and turning into experiences to enhance first year.
- Triaged 100s of bugs and incidents across both staging and production environments with the goal of solutioning and documenting in a safe and fast manner using tools like **Splunk**, Jira, and internal tools.
- Assembled and led a 4 fellow colleague team to develop a **conversational ai** chat bot decreasing engineer downtime by 10% for answering platform common questons

Software Engineer Intern   **Asurion**   **May 2022 – Aug 2022**
                                          TN, US

- Successfully developed an internal tool repository containing scripts to filter, clone, branch and make changes to different aspects of over 300 repositories at a time based on parameters
- Obtained leadership skills by working with stakeholders, VP's, product managers and leading a team of 9 fellow interns to develop a multimillion-dollar product with over 22% ROI.
- Gained confidence by continuously working with my mentors and being able to contribute to design and implementation of the migration of our data pipeline due to changes to data aggregation and enrichment.
- Increased debugging and time management skills by being responsible for triaging and debugging over 80 repos due to possible breaking changes in scripted changes.

Software Engineer Intern   **American Express**   **Jan 2022– Feb 2022**
                                          NY, US

- Collaborated with 2 team members at American Express to showcase authorization through the use of JWT within graphQL.
- Utilizing JSON Web Tokens we demonstrated how we can implement authorization at the GraphQL level and increase security for data retrieval and integrity.
- Accomplished a working model showcasing authorization and authentication at the GraphQL level fulfilling the project's requirements given by our leader.
- Technologies used: javascript, graphQL, Apollo-server, npm, node.js, express-middleware, GitHub, jwt, postman. Wrote code in Java for a cloud-based, big data platform that ingests, processes, and analyzes streaming data in real time.

Machine Learning Intern   **Asurion**   **May 2021 - Aug 2021**
                                         NY, US

- Obtained team working experience within the machine learning team of the fraud space in Asurion consisting of 6 engineers.
- Succeeded in implementing asynchronous functionality with the use of Axios and Redis cache for our feature correlation micro service.
- Decreased the overall time of servicing request by the new use of asynchronous methods within the feat correlation pipeline.
- Obtained experience in unit testing, integration testing, pact testing, CI/CD with Jenkins as well as the use of internal api for logging.

Education and Certifications

- **B.Sc. Computer Science,** CUNY Lehman College, US.   **Graduated: Jan 2023, GPA: 3.77**
- **A.Sc. Computer Science,** SUNY Westchester Community College, US.   **Graduated: Jan 2021**