

JIMMY M. NJUGUNA

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PROFESSIONAL SUMMARY

COMPUTER SCIENCE | FULL STACK ENGINEER | SOFTWARE FRONT END

Computer Science, software engineer with a degree from University of Virginia. Two years of full-stack development, at Amazon, with a passion for front-end delivery. Globally travelled and Diverse personal experience with a strong interest in inclusion and an environment that allows for growth. Leadership and coaching success as a teaching assistant (TA) and peer mentor, as provided solutions and support to other students. Strong interest in innovation and a fascination of how technology continues to transform our world. Interested in bringing creativity, diversity of thought, and growing within an organization while delivering on key projects for positive impact and customer centric approach.

EDUCATION

University of Virginia (UVA), Charlottesville, VA.

Bachelor of Science | Computer Science | Graduated with High Distinction **May 2023**

KEY SKILLS

Cloud & DevOps: AWS (Lambda, EC2, DynamoDB, S3, CloudWatch, CloudFormation, IAM), CI/CD Pipelines

Languages: JavaScript, TypeScript, Java, Python, C++

Web Development: React, HTML, CSS, Full Stack Development, Front End Development, Back End Development

Databases & APIs: SQL, REST APIs

Tools & Practices: Git, GitHub, Code Reviews, Technical Documentation, Full Stack, Front End, Back End, Scrum, Agile Development

PROFESSIONAL EXPERIENCE

Amazon, Denver, CO.

July 2023 – October 2024

Software Developer/Engineer

- AWS Supply Chain (Sustainability): Led front-end development to visualize emissions and sustainability metrics for customers.
- AWS Supply Chain (Collaboration): Delivered full-stack features enabling collaboration between suppliers and manufacturers.
- AWS Air & Science: Enhanced a global file system for Protective Caps Configurations by introducing network-specific configs and optimizing data access across regions.
 - Built RESTful APIs for CSV upload/download with S3 and DynamoDB integration.
 - Implemented CRUD endpoints on DynamoDB using GSIs for efficient querying by network and date.
 - Automated CSV generation and signed URL delivery for config data

Amazon, Seattle, WA.

May 2022- August 2022

Software Developer/Engineer Intern

- Streamlined Amazon Pharmacy's signup flow, increasing customer conversion.
- Built the new signup experience using TypeScript, React, and HTML, reaching millions of users.

Amazon, Seattle, WA

June 2021 – August 2021

Software Developer/Engineer Intern

- Designed and prototyped a search service using Elasticsearch to unify Amazon's COVID-19 test result data.
- Authored and iterated on a team-reviewed design document.
- Delivered a functional demo to both technical and non-technical stakeholders, highlighting key use cases.

University of Virginia, Charlottesville, VA

August 2020 – May 2023

Resident Advisor (RA)

- Support 30-70 UVA dorm residents acclimate to university life by providing advice and information on university resources and events. Build community through hosting inclusive events throughout the academic year.

University of Virginia, Charlottesville, VA

August 2020 – May 2023

Teaching Assistant (TA) and Head Teaching Assistant / Introduction to Programming

- TA: Help teach 150+ students per semester the basics of programming in Python by answering students' questions, expand on concepts the professor teaches, and assist students on in-class activities. Hold office hours 4hrs/week.
- Head TA: Lead class instruction w/ Professor. Lead exam study sessions w/ other TA's
- As a Peer Mentor Group Leader, worked closely with a student on challenging topics and provided moral support, increasing her confidence and ability to analyze questions and formulate strategies for tackling problems. Resulted in an improved score on the next exam by 13.75%.

LEADERSHIP COMMUNITY INVOLVEMENT

Traveled and lived in Guam, Japan and US. Travelled through Africa, Asia, Europe, Australia and More.
Intermediate level French