

Jake Moses

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Work Experience

Amazon, Boston, MA — *Amazon Pharmacy - Software Engineer II* **October 2023 - Current**

- Delivered an automation feature reducing pharmacist shift requirements by 15%, enhancing operational efficiency.
- Achieved 99% automation of machine signal tracking by leveraging AWS Lambda, DynamoDB, SNS, and Kinesis, enabling proactive data flow to business intelligence, transportation, and workflow management systems.
- Led fulfillment sad path handling for the cross-functional PillPack Packets launch, improving customer accessibility

Amazon, Seattle, WA — *Last Mile Tech - Software Engineer II* **November 2022 - October 2023**

- Designed, developed, and launched two major initiatives across North America, Europe, and Japan, enhancing delivery processes and enabling data-driven insights.
- Spearheaded the development of agile/scrum processes for the team, improving productivity by 25% and reducing randomization.
- Optimized package planning workflows utilizing AWS services, including CloudWatch, DynamoDB, Lambda, and SQS.

Amazon, Seattle, WA — *Amazon Scout - Software Engineer I* **July 2021 - November 2022**

- Developed an AWS-deployed web application to query and dynamically label robot-generated event reports, used across the organization.
- Built an ecosystem of services for planning, operating, monitoring, and analyzing robotic deliveries.
- Collaborated with cross-functional teams to communicate project requirements and deliver high-impact solutions.

Amazon, Seattle, WA — *Software Development Engineer Intern* **May 2020 - August 2020**

- Created a web application used by different teams throughout the organization to query and dynamically label event reports generated by field robots.
- Deployed the application using AWS tools including Route53, Lambda, S3, CloudFront, Lambda@Edge, and others, and implemented it with TypeScript, HTML, CSS, React JS, and Node.js.

Nucleus195, Stamford, CT — *Technology Intern* **May 2019 - January 2020**

- Automated client outreach processes with Python scripts, significantly improving efficiency.
 - Streamlined reporting by converting spreadsheets into client-ready PDFs via Python scripts.
 - Reduced the workload of repetitive tasks by implementing targeted automation solutions.
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Education

University of Virginia, Charlottesville, VA
B.S. Computer Engineering, May 2021

Cumulative GPA: 3.74
CPE Major GPA: 3.84

Teaching Assistant in CS 4750: Database Systems (2 semesters), CS 4102: Algorithms (1 semester), and CS 3250: Software Testing (1 semester), mentoring students in core computing concepts and grading coursework.

Skills

Coding Languages: Python3, Java, Typescript, SQL, C++, Node JS, Git

AWS Services: ECS Fargate, Lambda, S3, DynamoDB, CloudFormation, CloudFront, Route53, Kinesis, SQS/SNS

Sports: 3-year varsity letterman, and captain of the Greenwich High School golf team