

# SAYED ALI

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## EDUCATION

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### University of Washington

*Bachelor of Science, Computer Science*

GPA: 3.84

**September 2021-June 2025**

*Seattle, WA*

## WORK EXPERIENCE

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### University of Washington

*Software Engineer*

**September 2022-February 2025**

*Seattle, WA*

- Optimized Gradle build scripts and REST APIs to automate silent software installations. Used CI/CD pipelines for automated security testing and chain management, slashing deployment time by 50% and doubling system performance, which drove a 70% increase in user satisfaction.
- Performed market analysis to enhance deployment processes and identified trends that propelled a 20% boost in product adoption. Streamlined scripting and operational workflows for GenDev apps.
- Utilized Kubernetes and Terraform for orchestrating scalable deployments and implementing Infrastructure as Code (IaC), achieving a 60% reduction in manual configurations and significantly enhancing consistency across development, staging, and production environments.

### University of Washington

*Coding Instructor & STFC Admin*

**October 2022-March 2025**

*Seattle, WA*

- Secured 1st Place in PNW Coding Competition by utilizing Dijkstra's Algorithm for solving a Satellite Communications Path problem and actively participated in multiple Hackathons.
- Led a mentorship class of 13 freshmen honors students in programming courses.
- Developed and executed an inventory management and bookstore platform using Angular and Django, achieving a 25% reduction in loading times and significantly enhancing user experience.

### KBA Inc.

*IT Intern*

**June 2021-September 2022**

*Bellevue, WA*

- Facilitated effective stakeholder management by optimizing SharePoint libraries and user lists for over 540 concurrent users, ensuring successful upgrades for SharePoint, UKG, and SL Dynamics.
- Implemented robust security measures across all user devices by deploying vulnerability scanners, SIEM, IDS/IPS, WAF/firewalls, penetration tests, and endpoint security monitoring. Seamless stakeholder communication using agile methodology and Git, achieving a 15% reduction in project delays.
- Resolved Remote Gateway Server and VPN challenges while spearheading the Dynamics SL 2018 upgrade, seamlessly integrating Azure with Local Directories to enhance system accessibility for 400+ users, ensuring continuous communication and reliable data access.

## PROJECTS

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### Cyberforce

- Optimized a web server to enable seamless data import from MySQL and integrated machine learning models, achieving a 30% boost in data retrieval speed and enhancing real-time analytics for solar plants.
- Protected and restored six servers, including two Windows servers for web and executive functions, and three Linux systems supporting backend database and enterprise operations.
- Designed and launched a full-stack application with React and Node.js, enhancing user interaction by 40%. Managed server security with Azure, executing simulated cyber-attacks and implementing defense strategies. Explored big data solutions using Hive, Kafka, and Spark.

## SKILLS

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Python, C++, C, software development lifecycle, IT infrastructure, analytical skills, troubleshooting, data driven, security systems, attention to detail, full stack development, exploratory data analysis, web applications, javascript, sql servers, caching, proxies, computer architecture, UI/UX design, Angular, Node.js, Django, React, Data structures & Algorithms, encryption protocols, SSO technology