Aman Siid

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EDUCATION

SEATTLE PACIFIC UNIVERSITY — Seattle, WA
Bachelor of Computer Science — December 2024

Cumulative GPA: 3.3/4.0
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Systems Design (SDLC), Full-Stack Web Programming, IT Infrastructure, Mobile App Development, Database Management, Algorithm Design.

WORK EXPERIENCE

VSP VISION — Rancho Cordova, CA
Software Engineer — May 2024 – December 2024

- Developed and maintained scalable .NET web applications to streamline order and transaction management, leading to significant improvements in system efficiency.
- Crafted and deployed RESTful APIs alongside Azure Functions to enhance backend services, ensuring seamless integration with Angular-based web applications while improving data retrieval speed by 30%.
- Engineered and implemented Azure cloud solutions that enabled consistent application performance, seamlessly managing over 500 requests per second while maintaining system stability during peak traffic periods.
- Executed comprehensive code reviews and authored over 30 unit tests using xUnit.NET, enhancing software reliability while identifying key vulnerabilities that led to fixing the three biggest causes of system crashes.
- Streamlined communication channels within the engineering team leading up to successful launches of six high-impact features; ensured that all stakeholders were informed ahead of critical deadlines throughout each sprint cycle.

ECS TOOL CHECKOUT — Seattle, WA
Full-Stack Developer — September 2023 – June 2024

- Engineered a comprehensive tool management web application for the ECS (Engineering) department at Seattle Pacific University, streamlining resource tracking and enhancing overall efficiency for both students and staff by 25%.
- Collaborated with department stakeholders to extract critical requirements, which led to the launch of a tool management application that improved resource tracking for over 300 students and staff members.
- Conceptualized microservices architecture to design and implement RESTful APIs, improving response time by 30%.
- Designed high-performance CRUD APIs using Node.js and Express.js; facilitated seamless integration across microservices architecture while optimizing response times to under 200 milliseconds per request.
- Established efficient systems using cutting-edge RFID methods aimed at improving overall asset management; discovered key findings revealing three major bottlenecks causing delays during resource allocation cycles.
- Managed project development cycles using Agile methodologies, ensuring timely delivery of features and enhancements.

NORTHWEST UNIVERSITY — Kirkland, WA
IT Computer Specialist 1 — June 2022 – September 2022

- Deployed over 40+ workstations using WinPE, streamlining IT setup processes and reducing downtime.
- Developed IT onboarding resources for new students and faculty, including comprehensive guides and demos, to facilitate efficient system integration.
- Coordinated and prioritized over 150+ technical support tickets monthly within the Mojo system; maintained SLA compliance by mitigating delays and enhancing service delivery efficiency for end-users on campus.
- Integrated M365 tools (SharePoint, Teams) to enhance team productivity by 20%.
- Analyzed recurring technological challenges faced by campus staff and implemented targeted solutions that addressed major pain points contributing to a notable decrease in repeat support tickets received weekly.

SKILLS

Programming: C++, C#, Java, Python, ASP.NET, SQL, JavaScript, React, Node.js, REST APIs, HTML & CSS, Assembly
Cloud & DevOps: Azure, AWS, Azure DevOps (ADO), Docker, Kubernetes, CI/CD, Git/Github
Databases & Tools: MS SQL, MySQL, NoSQL, PostgreSQL, Jira, Postman, xUnit.NET, JUnit, Linux
IT Infrastructure: Active Directory (AD), WinPE, M365 Suite (SharePoint, Teams), Networking & Troubleshooting
Multilingual: Arabic, Amharic, Tigrinya