

# AMAN SIID

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## EDUCATION

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### SEATTLE PACIFIC UNIVERSITY

Bachelor of Computer Science

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.

Seattle, WA  
December 2024

## WORK EXPERIENCE

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### VSP VISION

Software Engineer

Rancho Cordova, CA  
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

Full-Stack Developer

Seattle, WA  
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

IT Computer Specialist 1

Kirkland, WA  
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

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**Languages & Frameworks:** C/C++, C#, Java, Python, ASP.NET, SQL, JavaScript, Angular, React, Node.js, REST APIs

**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

**IT Infrastructure:** Active Directory (AD), WinPE, M365 Suite (SharePoint, Teams), Networking & Troubleshooting

**Multilingual:** Arabic, Amharic, Tigrinya