AMAN SIID

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SUMMARY

Dynamic and detail-oriented Full Stack Engineer with extensive experience in developing and maintaining enterprise-level infrastructures. Proficient in C++, C#, Java, Angular, and Azure, with a robust foundation in algorithms and systems design. Skilled at creating high-performance applications and enhancing system reliability. Passionate about leveraging technology to drive business growth and improve user experiences.

EDUCATION

BA Computer Science | Seattle Pacific University   **Sep 2022 – Dec 2024**

Courses included Data Structures and Algorithms, Object-oriented Programming, Systems Design, Full-Stack Web Programming, Computer Architecture, Database Management, Operating Systems Programming, SDLC, and Algorithm Design.

EXPERIENCE

Software Engineer Intern | VSP Vision   **May 2024 – Aug 2024**

- Full stack engineer working on the development and maintenance of a company-wide infrastructure for managing orders and transactions across VSP Venture stores using C#, .NET, and Azure, processing over 300 transactions daily.
- Created and optimized queries, built APIs, and integrated new functionalities into the web application using Angular, improving system efficiency by 20%.
- Implemented a UI for store number and date-based lookups to display transaction data from JSON files in Azure, enhancing performance and reliability for 500 requests per second.

IT Computer Specialist 1 | Northwest University   **Jun 2022 – Sep 2022**

- Supported and installed over 20 classroom technologies, ensuring optimal functionality through troubleshooting hardware, software, audio/visual, and networking issues.
- Deployed 40 computers using Windows Preinstallation Environment (WinPE).
- Improved employee productivity by 20% by deploying M365 Apps, Office, SharePoint, and Teams.

GENERAL SKILLS

- Project management
- Communication
- Stakeholder engagement
- Problem-solving
- Leadership
- Attention to detail

TECHNICAL SKILLS

- **Languages:** C/C++ | Java | C# | JavaScript | Angular | Python | HTML5 & CSS | SQL | .Net
- **Tools:** Windows | MS 365 | Azure | Postman | MySQL | Node.js | Docker | VSC | Jira & Confluence | GitHub | Git

PROJECTS

ECS Tool Checkout Web Application (Senior Capstone Project)

- Conducted extensive testing using Postman to validate API endpoints, enhancing response time by 30% and boosting stakeholder satisfaction by 25%.
- Led Agile methodology adoption, transforming requirements into solutions using Jira, Confluence, Scrum, and Kanban boards.

Web Crawler Application

- Engineered a Java-based Web Crawler using Jsoup to analyze link structures, processing over 1000 links.
- Deployed an interactive GraphStream visualization to showcase URLs and their closeness scores, increasing user engagement by 30%.