Aman siid

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Summary

Results-driven Full Stack Software Engineer with a strong background in developing scalable, cloud-based solutions. Proficient in C++, C#, Java, and JavaScript frameworks, with hands-on experience in Azure and a keen interest in AWS. Demonstrated ability to design and implement high-performance applications, optimize system reliability, and drive innovation in fast-paced environments.

Education

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

Relevant coursework: Data Structures and Algorithms, Object-oriented Programming, Systems Design, Full-Stack Web Programming, Computer Architecture, Database Management, Mobile App Development, SDLC, and Algorithm Design.

Experience

Software Engineer | VSP Vision   **May 2024 – Present**

- Develop and maintain enterprise-level ASP.NET web applications for managing orders and transactions across VSP Venture stores using C#, .NET, and Azure.
- Collaborate on developing new features and functionalities, resulting in a 30% improvement in system efficiency.
- Support application performance optimization and implement secure development practices utilizing Azure services for cloud-based data storage and retrieval.
- Engage in code reviews and implement comprehensive unit testing strategies, achieving 100% line coverage, significantly enhancing code quality and reliability

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

- Led the deployment of 40 computers using Windows Preinstallation Environment (WinPE), showcasing proficiency in OS deployment and management.
- Improved employee productivity by 20% through strategic implementation of M365 Apps, Office, SharePoint, and Teams.
- Troubleshoot complex hardware, software, and networking issues, ensuring optimal functionality of classroom technologies.

Technical skills

- **Languages & Frameworks:** C/C++, C#, Java, ASP.NET, JavaScript (Angular, React), Python, HTML & CSS, Node.js
- **Cloud & DevOps:** Azure (strong experience), AWS (Basic), Docker, CI/CD pipelines, Azure DevOps, Git, Github
- **Databases & Tools:** SQL (MySQL, PostgreSQL, MS SQL), NoSQL, Jira, Confluence, Postman, JUnit, xUnit.NET

Additional skills

- Strong problem-solving and analytical skills with a focus on optimizing system performance and scalability.
- Experience with Agile development methodologies and cross-functional team collaboration.
- Passionate about continuous learning and staying updated with the latest industry trends and technologies.

Projects

ECS Tool Checkout Web Application (Senior Capstone Project)
- Architected a scalable web application using microservices architecture.
- Implemented robust API testing using Postman, resulting in a 30% improvement in response time and 25% increase in stakeholder satisfaction.
- Utilized Agile methodologies and tools (Jira, Confluence, Scrum, Kanban) to manage project lifecycle.

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%.