

ANMOL SINGH

(609)401-3333 | [LinkedIn](#) | [GitHub](#) | anmolsingh2282@gmail.com

PROFESSIONAL EXPERIENCE

Software Developer

Feb 2023 - Present

University of Idaho, Moscow, ID

- Design and develop web components in React to optimize frontend and backend performance and reliability.
- Implement Azure Functions as secure middleware, safeguarding credentials and ensuring seamless API and data lake integration.
- Integrated vendor APIs with internal databases using Groovy, optimizing data synchronization and maintaining high integrity.
- Engineered data processing and mapping solutions to enhance system coherence and robust data accuracy across platforms.
- Developed a Raft consensus algorithm to resolve race conditions in authorization processes, improving application reliability.
- Apply Test-Driven Development (TDD) for C# plugins, ensuring high code quality and functionality before deployment.
- Streamlined development and deployment workflows, using Azure DevOps and CI/CD best practices.
- Develop and maintain technical documentation and diagrams, including class and sequence diagrams.
- Apply OOPs and SOLID principles to deliver scalable and maintainable software.
- Participate in scrum ceremonies such as backlog refinement, sprint planning, sprint review and retrospective meetings.
- Provide status updates in daily standups and discuss plans, impediments and dependencies.

Technical Stack: React, Azure Functions, Jest, Groovy, C#, .NET, xUnit, Azure DevOps, Oracle SQL, Sql Developer, Git, Markdown, Mermaid, IntelliJ, Visual Studio, VS Code.

Graduate Teaching Assistant

Aug 2022 - Dec 2022

Cleveland State University, Cleveland, OH

- Assisted in teaching CIS 265: Data Structures and Algorithms, coached 49 students and supported course delivery.
- Aided in preparing lecture materials and conducted office hours to address student inquiries.
- Provided constructive feedback to students to identify and improve their technical skills.
- Validated student code submissions using custom test cases in Eclipse IDE, ensuring adherence to assignment requirements.
- Graded homework assignments, projects, midterms and final exams.

Technical Stack: Eclipse IDE, Java, Microsoft Office

Software Developer Intern

May 2022 - Aug 2022

MRI Software, Cleveland, Ohio

- Collaborated with software engineers and product managers to implement and refine software features.
- Designed and optimized SQL queries and stored procedures for efficient data retrieval and management.
- Created and published interactive Power BI reports and dashboards, incorporating DAX functions for data analysis.
- Integrated data from Azure Data Lake to develop dynamic reports and visualizations.
- Engaged in Agile practices, including daily standups, sprint planning, and user experience testing, contributing to continuous improvement.
- Participated in User Experience testing and provided suggestions for Product improvement.

Technical Stack: SQL, Power BI, DAX, Azure Data Lake, Azure DevOps

Web Developer Intern

Feb 2022 - May 2022

Turf Envy LLC, Las Vegas, NV (Remote)

- Developed and maintained the company website using HTML, CSS, and WordPress Elementor.
- Designed wireframes in Figma and implemented technical SEO strategies to enhance web traffic.
- Customized the themes as per requirements and added CSS code snippets to enhance the UI design.
- Led the weekly team meetings, set up agenda and assigned action items and tasks to other interns.
- Participated in code reviews with other interns and senior developers using Github.

Technical Stack: HTML, CSS, WordPress, Elementor, Figma, SEO tools, Google Analytics, GitHub

ACADEMIC QUALIFICATION

Master of Science in Software Engineering
Cleveland State University, Cleveland, OH

Jan 2021 - Dec 2022

Bachelor of Technology in Information Technology
Punjab Technical University, Jalandhar, India

Aug 2015 - April 2019

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Developer Associate
- Microsoft Certified: Azure Data Fundamentals
- Microsoft Certified: Azure AI Fundamentals