JONAH ANDERMIN

9818 Charline Ln, San Antonio TX, 78254
(586)248-1032 | jonah@andermin.com | www.andermin.com

Professional Summary

Passionate software engineer with expertise in modern technologies, specializing in developing efficient, scalable solutions to complex problems. Seeking a challenging role where I can develop high-quality software that drives meaningful impact and efficiency. Driven by a desire to create innovative solutions that I can take pride in.

Technical Skills

- **Programming Languages:** C/C++, JavaScript, C#, Python, Java, VBA
- **Web Technologies:** ASP.NET, React.js, jQuery, REST, Ajax, HTML5, CSS3
- **Databases:** MSSQL, MongoDB
- **Cloud Platforms:** Azure, Databricks

Certifications

- Microsoft Certified: Power BI Data Analyst Associate
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Data Fundamentals
- Databricks Certified Associate Developer for Apache Spark 3.0

Professional Experience

Data Engineer - **SkillStorm**   **August 2023 – August 2024**

PowerBI Embedded Report Server (*C#/ASP.NET*)

Developed an ASP.NET MVC server to host embedded Power BI reports, enabling internal users and guests to view reports without requiring individual Power BI licenses. Implemented an "app-owns-data" authentication model using Microsoft Entra ID to manage access and compliance.

- Built and deployed an ASP.NET MVC server to host Power BI reports.
- Integrated Microsoft Entra ID for secure authentication and license management.
- Enabled organization-wide report access, reducing licensing overhead.

Business Services Hub Web App (*React.js, JavaScript, HTML, SQL*)

Developed a React.js web app to centralize internal project management. The app allowed admins to link new projects and control user permissions, interacting with Microsoft Dataverse through SQL queries.

- Developed a React.js dashboard for internal project management.
- Integrated Microsoft Dataverse for dynamic data storage and retrieval.
- Implemented a role-based permission system for secure project access.

Special Inspector - **Intertek PSI**, Woodenville, WA   **July 2022 – August 2023**

Performed construction inspections and materials testing while also developing software tools to automate reporting and workflow processes.

- Developed automation tools (C#, VBA) to streamline report generation, reducing manual data entry time.
- Conducted field and laboratory testing to ensure compliance with engineering standards.
- Managed projects and coordinated with contractors on construction site inspections.

IT Support / Special Inspector - **Terracon**, Lynnwood, WA   **July 2021 – July 2022**

Hybrid role combining field inspections with IT support, training, and workflow automation.

- Developed automation tools (C#, VBA) to streamline report generation, reducing manual data entry time.
- Provided IT support and software training for employees, ensuring smooth adoption of internal tools.
- Performed construction inspections and materials testing.

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Terracon, Lynnwood, WA   **July 2019 – July 2021**
Special Inspector
- Conducted inspections and testing for various construction projects.
- Managed project workflows and collaborated with engineers to ensure compliance.
- Conducted equipment maintenance and transport.

Dino, Corp. Shoreline, WA   **Summer 2018**
Software Engineer Intern
- Developed autonomous robotic vision software (C++), translating multiple camera feeds into 3D terrain models.
- Implemented object detection and physics simulation using C++ and Python (Boost libraries).

Education

Washington State University, Pullman, WA   **May 2023**
Bachelor of Science in Software Engineering

Shoreline Community College, Shoreline, WA   **August 2015**
Associates of Arts in Computer Science