

Alec Schrader

alecschrader@gmail.com | (810) 588-1382 | Grand Rapids, MI

www.linkedin.com/in/alec-schrader-dev | www.github.com/alec-schrader | www.alecschrader.dev

Summary

Experienced Software Engineer with 8 years of expertise in designing, implementing, deploying, and maintaining innovative full stack web applications. Adept at utilizing modern web and cloud technologies to create secure and robust solutions to complex problems.

Work Experience

USA Football, Apr 2024 - Present

Backend Software Engineer - Remote

- Implemented account verification and fraud prevention measures leading to a reduction in fake accounts and payment fraud on membership purchases.
- Provided application support on a rotating schedule ensuring software quality and good user experience.

INHERET, Inc., Sep 2020 - Apr 2024

Full Stack Software Engineer - Remote

- Developed a research-based genetic risk assessment application using React.js, C# .Net Core APIs, and a SQL database to enable precise risk assessment and informed decision-making in over 6,000 patients.
- Collaborated with external clinic and laboratory IT departments to integrate report and order processing, creating a seamless user experience for healthcare providers and patients.
- Migrated company cloud infrastructure to Amazon Web Services (EC2, ECS, S3, RDS, Cloudwatch) using Terraform, increasing maintainability and decreasing cost by 40%.
- Implemented robust security controls in AWS to ensure compliance with HIPPA and SOC standards, safeguarding against cyber attacks and data loss.
- Constructed and maintained CI/CD pipelines using GitHub Actions to automatically perform tests and deploy applications to multiple environments, reducing deployment efforts by 80%.

Paquette Software, Mar 2016 - Sep 2020

Full Stack Software Engineer - Remote

- Contributed to the creation and implementation of over seven custom applications across healthcare, insurance, and eCommerce sectors utilizing numerous technologies such as Visual Basic, C#, .Net Framework, SQL, Javascript, jQuery, Bootstrap, and AWS.
- Collaborated closely with diverse stakeholders to comprehensively define project scope and requirements, ensuring alignment with organizational objectives and end-user needs.

Certifications

AWS Certified Cloud Practitioner, 2023

Education

AA, *English*, Kalamazoo Valley Community College, Aug 2023 - Kalamazoo, MI 3.9/4.0 GPA

Relevant Coursework: Technical Writing

Skills

Languages: C#, JavaScript, Python, HTML, CSS, Visual Basic (VB)

Frameworks: React.js, .Net Core, .Net Framework, jQuery, Playwright, NUnit, Jest

Tools/Platforms: Amazon Web Services (AWS), Git, Docker, Terraform, GitHub, Jira, Visual Studio

Other: CI/CD, Agile