Graham Robert Eger

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Experienced Technical Leader and Software Engineer

Technical Leadership | Client Engagement | Technical Strategy | Full-Stack Development

Overview

A results-oriented Technical Leader and Software Architect with a proven track record in full-stack development, client engagement, and strategic technology leadership. Holding a B.S. in Computer Science from the University of Michigan, I have spearheaded software engineering initiatives for Fortune 100 companies, consistently translating complex technical requirements into impactful business solutions. Beyond my professional experience, I am a passionate sailor with a deep understanding of the sport and its technological needs, demonstrated through founding Leebow, where I build the sailing analysis and race-preparation tools I use myself. I am adept at rapidly developing bespoke integrations and solutions. My aim is to leverage my technical expertise and passion for sailing to drive innovation and growth in the marine technology space.

Key Strengths

Exceptional ability to bridge technical and business perspectives, ensuring solutions align with client goals.
Proven track record in strategic planning, leading to successful project execution and client satisfaction.
Strong interpersonal skills with a talent for building and maintaining client relationships.
Patented innovator, proven at coming up with new solutions to business problems. US Patent #11372642B2
Strong full-stack technical foundation. Experienced with Python, C#, Go, JavaScript, and C/C++.

Professional Experience

OneStream Software August 2024 - Present
Senior Consultant - AI Software Engineering *Remote - San Diego, CA*

- Spearheading the integration of advanced Machine Learning (ML) and Data Science methodologies into OneStream's Account Reconciliation solution, focusing on predictive analytics, anomaly detection, and process automation.
- Developing and implementing novel algorithms and models using Python and C# to improve the accuracy and efficiency of financial forecasting, reporting, and data reconciliation within the OneStream platform.

Supernova Technology 2023 - 2024
Solutions Architect - Software Engineer *Chicago, IL - On Site*

- Led six client programs for Fortune 100 Banks, conducting technical discovery sessions to capture and interpret requirements and infrastructure challenges, paving the way for bespoke securities-based lending software solutions.
- Designed and developed scalable full-stack systems and integrations with data providers, accounting systems, and strategic partners, ensuring seamless alignment with client goals and operational processes.

Capital One Financial 2019 - 2021
Senior Software Engineer *Chicago, IL - On Site*

- Designed, built, and launched a full-stack platform using Go, NodeJS, and React to develop analytics and tracking platforms for GitHub Enterprise pull requests, resulting in a patented innovation. US Patent #11372642B2
- Developed and maintained a real-time correspondence stack using Java SpringBoot and PostgreSQL for delivering regulatory notices to end-users.
- Promoted to Senior Engineer in July 2020 for outstanding performance.

Leebow 2022 - 2023
Founder *leebow.dev*

- Founded and built software for sailboat racing on a Postgres, TypeScript, SvelteKit, and Node stack: offshore weather routing, free event hosting with integrated scoring, and public results and ratings.
- Built the race analysis tooling behind the post-race review, race-preparation and fleet-comparison work — playback, start estimates, and comparisons between boats.
- Secured advice from Americas Cup winning sailors and Fortune 500 business executives, securing verbal agreements with several active racing clubs.

Newance Consulting 2021
Engineering Consulting *Remote*

- Created and presented "Tech for Tech Recruiters" to panels of technical recruiting firms and teams, enhancing their industry knowledge and recruitment processes.
- Supported recruitment teams with candidate selection, interview assistance, and general technical consulting, reducing internal process friction.
- Provided technical interviews and general consulting tasks focused on decreasing friction within internal processes.

Rocket Mortgage Summer 2018
Software Engineering Intern *Detroit, MI - On Site*

- Developed a front-end application in Angular and TypeScript for end-user task management, significantly improving daily operations.
- Created a Servicing Prioritization API using .NET Core, boosting servicing efficiency by over 50%.
- Migrated a web app from Angular 5 to Angular 6 and ASP.NET to .NET Core, cutting total lines of code by 15%.
- Implemented a suite of tests and CI/CD for a .NET Core app, raising test coverage from 60% to 100%.

MSX International Summer 2016 and 2017
Systems Administrator *Detroit, MI - On Site*

- Administered Windows and Linux systems for MSX International's North American market, ensuring robust infrastructure performance across hardware, software, and server environments.
- Oversaw the conversion to Cisco SDN, implemented site-to-site VPNs using L2TP, and engineered a worldwide ransomware incident response process.
- Developed a custom honeypot-based anti-phishing framework, providing active end-user scam-mail training.
- Provided custom system setups and on-call VIP desk-side support for C-level executives.

Education

University of Michigan - Ann Arbor *Ann Arbor, MI*

- Earned B.S. Computer Science in May 2019.
- Significant Coursework
  - Web Systems
  - Operating Systems Engineering
  - Computer Networking
  - Finance
  - Computer Security
  - Algorithms and Data Structures
  - Database System Design
- Michigan Sailing Team
  - Competed in 2 Collegiate National Championships - Director of Travel.
- Delta Tau Delta Fraternity - Chapter President.
- University of Michigan Club Sports Executive Board - VP Public Relations.