Matthew Bogard

Austin, TX | (512) 961-9526 | matthewkbogard@gmail.com | mbogard.com

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TECHNICAL EXPERTISE

JavaScript | React.js, Redux | Node.js | Python | Java | PHP | SQL |
Amazon Web Services (Certified Solutions Architect Associate) | Google Cloud Platform

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EXPERIENCE

Passport, Inc.   March 2021 – Present
Full-Stack Software Engineer

- Streamlined enforcement team operations for cities by designing and implementing a real-time GPS map tool to track officer movements and optimize resource allocation.

- Achieved long-term scalability for the company's primary relational database by enhancing system architecture and refining application queries, resulting in minimized CPU usage and fewer performance spikes.

- Empowered city clients with a versatile range of financial reports by developing a resilient reporting infrastructure tailored to their unique requirements and preferences.

- Successfully managed half of all team deployments and contributed to a third of team's sprint story points, resulting in 80% of sprints completed without carry-over tickets and less than 10% rollbacks after deployment.

- Served as a mentor and resource for junior and mid-level engineers, offering tailored guidance to support their career development and skill growth.

Red Ventures   Dec. 2018 – March 2021
Software Engineer

- Strengthened revenue-driving APIs by refining their implementations, boosting overall performance and dependability.

- Constructed business-critical applications from scratch, and sustained dynamic apps and tools for the company's financial brands.

- Administered a Content Management System overhaul for a vast collection of editorial articles, utilizing back-end scripting and thoughtful database design to ensure efficient content delivery.

- Established a resilient cloud infrastructure for applications, employing modern infrastructure-as-code methods for seamless cloud-based solutions.

Scientific Politics, LLC   2018 – Present
Founder & Developer

- mbogard.com/congress (2022) - Designed and developed a user-friendly web app to monitor United States congressional voting records, emphasizing simplicity and intuitive design.

- mbogard.com/census (2018) - Created a web application for presenting US Census data in a visually appealing and informative manner.

Texas Health & Human Services   Jan. 2017 – June 2018
Project Manager, Rate Analyst

- Managed initiatives for programming Texas Medicare & Medicaid rates for a department of 150 employees.

- Authored, assessed, and improved internal application code responsible for computing annual adjustments in Texas Medicare & Medicaid rates

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EDUCATION

- **Stanford Online, DeepLearning.AI** - Machine Learning Specialization, Prompt Engineering course completion (2023)
- **Amazon Web Services** - Certified Solutions Architect Associate (2021)
- **The University of Texas at Austin -** Full-Stack Web Development certification (2018)
- **The University of Texas at Austin** - Graduated with a Bachelor's Degree (2016) | Cumulative GPA: 3.5