

Matthew Bogard

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TECHNICAL EXPERTISE

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

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

- TrackingCongress.com (2022) - Designed and developed a user-friendly web app to monitor 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** - Supervised Machine Learning 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