

Matthew Bogard

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

TECHNICAL EXPERTISE

JavaScript | React | Node.js | TypeScript | Python | Java | PHP |
Amazon Web Services (Certified Solutions Architect Associate) | SQL | Docker | GitHub | GitLab

EXPERIENCE

Passport, Inc. Software Engineer

March 2021 – August 2023

- **Full Stack Development:** Designed and implemented a real-time GPS map tool utilizing JavaScript, React, Node.js, and AWS services, enhancing enforcement team operations and system scalability.
- **Architectural Leadership:** Enhanced system architecture for the business' most important API using Node.js and AWS Lambda, achieving long-term scalability and improved system performance.
- **Product Partner:** Contributed as a key player in planning meetings by identifying scope and edge-cases for features, and adding developer notes to assist engineers.
- **Deployment Management:** Led major deployments, was responsible for a significant amount of the team's sprint story points and maintaining successful sprints.
- **Mentorship:** Guided junior and mid-level engineers, facilitating team-acclimation, solving for operational challenges due to timezone and communication style differences.

Red Ventures Software Engineer

December 2018 – March 2021

- **Architectural Innovation:** Overhauled a Content Management System for a vast editorial collection, leveraging Node.js, Python, and MySQL for efficient content delivery, ensuring robustness and scalability.
- **Revenue Protection:** Developed a critical React and Node.js application to safeguard the business' main revenue pipeline against third-party API failure, exhibiting strategic architectural thinking.
- **Product Partnership:** Contributed in planning and retrospective meetings, adding context to features reviewed in planning, and providing ideas for how the team can improve collaboration in retrospectives.
- **Performance Enhancement:** Strengthened central revenue-driving Node.js and Java APIs, boosting overall system performance and reliability.
- **Cloud Management:** Established and managed AWS cloud infrastructure, using infrastructure-as-code methods to support various applications (React, Node, Java, Python, and PHP).

Scientific Politics, LLC Founder & Developer

2018 – Present

- Developed JavaScript web applications presenting US congressional voting records and Census data, focusing on intuitive design and user-friendly experience. Available at: mbogard.com/congress (2022) and mbogard.com/census (2018).

Texas Health & Human Services Project Manager, Rate Analyst

January 2017 – June 2018

- Managed programming initiatives for Texas Medicare & Medicaid rates in a large department. Oversaw application code for annual adjustments in Medicare & Medicaid rates.
-

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** - Graduated Full-Stack Web Development certification program (2018)
- **The University of Texas at Austin** - Graduated with a Bachelor's Degree in Government (2013-2016)