Matthew Bogard

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TECHNICAL EXPERTISE

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

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EXPERIENCE

Passport, Inc.   March 2021 – August 2023
Software Engineer

- **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-acclamation, solving for operational challenges due to timezone and communication style differences.

Red Ventures   December 2018 – March 2021
Software Engineer

- **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   2018 – Present
Founder & Developer

- 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   January 2017 – June 2018
Project Manager, Rate Analyst

- 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 -** Full-Stack Web Development certification (2018); Bachelor's Degree (2016)