

Shaun McGovern

Senior Software Engineer

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SUMMARY

Experienced Full-Stack Developer with 11 years of experience in developing end-to-end web applications. Passionate about leveraging cutting-edge technologies to build scalable, secure, and high-performance solutions. Seeking a senior role in a fast-paced environment where I can drive innovation and mentor junior developers.

PROFESSIONAL EXPERIENCE

Senior Full-Stack Engineer

Synapse Health, Remote
March 2021–Present

- Participated in Patients and Delivery portal development using Java, Spring Boot for main tech stacks and utilized Spring Data JPA with MySQL.
- Collaborated with UI/UX and delivered Connects portal development using Angular with TypeScript, NgRX and TailwindCSS.
- Involved in using Azure DevOps for ticket management, collaboration and version control and utilized Azure Pipelines for CI/CD and automated testing.
- Deployed and managed microservices using Kubernetes and Azure Service Bus, Azure Container Registry and used Prometheus for metrics collection and visualization.
- Managed a team of developers, providing guidance on best practices, code reviews, and project management, leading to a 25% improvement in project delivery timelines.

Senior Backend Developer

FedEx, Columbia, MO
January 2019–January 2021

- Led the migration of legacy PHP monolith applications to Python / Flask microservices, improving system maintainability including inventory tracking, shipment scheduling, etc.
- Designed and implemented batch processing systems using Java and Spring Batch, enabling the company to process large volumes of shipping data efficiently.
- Collaborated with DevOps teams to set up CI/CD pipelines using Jenkins and GitLab, automating deployment processes and reducing deployment times by 40%.
- Optimized SQL and NoSQL database queries (using PostgreSQL and MongoDB) to improve data retrieval speeds by 20% and reduce storage costs by cleaning and restructuring key datasets, enabling faster insurance risk predictions
- Participated in code reviews, ensuring high code quality and adherence to best practices, which resulted in fewer production issues and improved system reliability.

Full-Stack Developer

Adobe, Remote
July 2016–December 2018

- Delivered several MERN-based web applications for Adobe's internal tools, enabling teams to visualize and manage large datasets used in Adobe Analytics.

- Developed GraphQL APIs using Node.js & Express.js to streamline data fetching and reduce number of network requests, improving the speed and efficiency of web applications.
- Deployed applications on AWS cloud, utilizing services such as EC2, S3, Auto Scaling, API Gateway and RDS to enhance performance and quality.
- Developed responsive web interfaces using HTML5, CSS3, and JavaScript, ensuring a seamless user experience across devices.

Junior Full-Stack Developer

TD Bank, Stony Brook, NY

November 2013–May 2016

- Developed and maintained Java-based customer portals for TD Bank, enabling customers to securely manage their accounts, view transactions, and process payments, while ensuring PCI-DSS compliance.
- Integrated Django services with TD Bank's core banking systems, creating RESTful APIs for secure data exchange between the bank's front-end applications and back-end financial systems.
- Improved security by implementing JWT authentication for React-based applications, ensuring secure and seamless user sessions across various banking services.

EDUCATION

Bachelor of Science in Computer Engineering, May 2013

Stony Brook University, Stony Brook, NY

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, SQL, HTML, TypeScript, Node.js
- **Frameworks/Libraries:** Spring Boot, Django, Flask, React.js, Angular, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB, Elasticsearch
- **DevOps:** Docker, Kubernetes, Jenkins, AWS, CI/CD
- **Tools:** Git, Webpack, Babel, NPM, Jira, CircleCI