

ERIN FITZPATRIC

Full Stack Software Engineer

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<https://github.com/erin-fitzpatric>

PROFESSIONAL SUMMARY:

Full Stack Developer with experience in designing and delivering high-quality enterprise software solutions. Proficient across a wide range of technologies and recognized for strong communication, collaboration, and technical documentation skills, ensuring seamless project execution and team success.

SKILLS:

✓ JavaScript	✓ React.js	✓ SQL	✓ Git	✓ AWS	✓ HTML
✓ TypeScript	✓ Next.js	✓ MongoDB	✓ Jest	✓ GCP	✓ CSS
✓ Node.js	✓ Nest.js	✓ PostgreSQL	✓ Redis	✓ Azure	✓ REST

PROFESSIONAL EXPERIENCE:

Pantomath

Senior Software Engineer | October, 2023 - Present

- Enhanced Pantomath's data observability and monitoring platform, optimizing the processing of millions of data nodes daily.
- Led development of third-party integrations and custom connectors, streamlining automated ingestion of external data sources and improving integration capabilities.
- Developed scalable backend APIs to efficiently fetch and deliver data from **MongoDB**, **PostgreSQL**, and **AWS** services including **S3**, **Lambda**, and **SQS**.
- Delivered impactful UI/UX improvements with **Tailwind CSS**, **React.js**, and **Next.js**.
- Implemented CI/CD pipelines using **GitHub Actions** and **Vercel**, automating testing and deployment processes to streamline code integration, enhance reliability, and enable rapid production releases directly from GitHub.

Travelers Insurance

Full Stack Software Engineer | May, 2022 - October, 2023

- Developed claim management software used by insurance underwriters to efficiently distribute letters to claimants.
- Maintained and enhanced a suite of microservices utilizing **TypeScript**, **Node.js**, **C#**, and **.NET** technologies, used to power a robust document notifications system.
- Integrated both **REST** and **SOAP** web services into the claim correspondence platform for seamless communication with on-prem and cloud hosted databases.
- Collaborated with a cross-functional Agile team, actively participating in daily Scrum ceremonies to drive continuous development and improvement.

Abre.io

Full Stack Software Engineer | July, 2021 - May, 2022

- Architected and developed a scalable notifications platform from the ground up, tailored to meet the communication needs of K-12 school districts.
- Leveraged **Google Cloud Platform's** Cloud Tasks and App Engine for reliable, asynchronous message delivery, with WebSockets and **Node.js** enabling real-time communication.
- Implemented a microservices architecture to ensure modularity, scalability, and seamless future expansion of the platform.

Benchmark Digital Partners LLC

Full Stack Software Engineer | January, 2020 - June, 2021

- Developed data analytics software to display Environmental Health and Safety (EHS) metrics, improving data visibility and decision-making for key stakeholders.
- Designed and implemented an API to integrate machine learning models for analyzing, predicting, and mitigating workplace injuries and fatalities, enhancing workplace safety.
- Integrated Tableau with the application via **Python** APIs
- Built interactive dashboards utilizing **HTML**, **CSS**, **Javascript**, and **jQuery**

High School Music Teacher

Concert Band, Jazz Band, Guitar, Marching Band | May, 2014 - September 2019

- Leadership, problem-solving, project management, and communication skills with a strong attention to detail and ability to develop creative solutions in collaborative environments.

PROJECTS:

AoM.gg

Online hub for players of the video game Age of Mythology

<https://github.com/erin-fitzpatric/next-aom-gg> | <https://www.aom.gg/>

- Offers real-time leaderboards, in-depth game statistics, and user-generated content like replays and custom maps.
- Players can track rankings, analyze match data, and engage with the vibrant community.

Technology: **Next.js**, **Vercel**, **TypeScript**, **Tailwind CSS**, **MongoDB**, **AWS S3**, **Lambdas**

OpenAI Image Generator

DALL-E 3 text-to-image generator

<https://github.com/erin-fitzpatric/next-open-ai-generator>

- Leverage OpenAI's API to send text prompts to DALL-E 3 and display an AI generated image.

Technology: **TypeScript**, **OpenAI**, **Next.js**, **Tailwind CSS**, **Vercel**

AWARDS:

- **Engineering Impact Award** - Pantomath - 2025
- **Key Contributor** - Innovation Award - Abre.io - 2022
- **Winner: Broadcaster Tool** - Twitch.tv Hackathon - 2021
- **Excellence in Product Management Award** - Benchmark Digital Partners - 2020

EDUCATION:

2019 | MAX Technical Training

Full-Stack Java Developer Bootcamp

2010-2014 | University of Cincinnati College-Conservatory of Music

Bachelor of Music in Music Education