

Matthew Groff

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As a highly experienced product engineering leader, I have a proven track record of delivering successful projects and delivering simple code solutions to complex problems. With a strong background in software development and a passion for mentoring junior engineers, I am dedicated to ensuring that my team has the tools and resources they need to succeed. Whether leading projects from start to finish or guiding junior engineers through challenging problems, I am committed to finding the best possible solutions for my team and my clients.

SKILLS

- GraphQL & Apollo Federation
- React & React Native & Node (Javascript and Typescript)
- PostgreSQL & Relational Data Modeling
- Unit and End-to-End Testing
- CI/CD (Continuous Integration and Continuous Deployment)
- Scrum & AGILE
- Deploying to Cloud Environments (AWS, Heroku, Netlify, and Render)
- Docker
- Linux

EXPERIENCE

Director of Engineering

Umbrage

Houston, TX (Remote)

Dec 2019 - Present

As a Director of Engineering, I lead cross-functional teams to deliver exceptional digital products. Through collaboration with clients, design, development, QA, and product management teams, I drive the successful delivery of innovative software solutions. I joined the company at an early stage, contributing to its growth from a small team working in a shared co-working space. Through my dedication and successful delivery of multiple projects, I have advanced from a Senior role to my current position as Director.

Web Developer

Accenture Digital Products (formally Intrepid)

Houston, TX

Jun 2018 - Dec 2019

Worked as a full-stack engineer and consultant on a variety of projects, primarily for Global Oil & Gas companies. Developed web applications using React and Angular, while consuming backend APIs written in Java & .NET Core. Mentored Web Developer Apprentices, set code standards, and created best practices. Expertise in React, Redux, React-Native, Angular2+, database modeling, API design, unit testing, and Agile estimation & planning. Collaborated with onshore and offshore teams using tools such as Slack and Skype.

Android Developer

Self-employed (Batakang)

San Diego, CA

Mar 2013 - Jun 2018

Android App Development

Customer Support

Community Outreach (xda-developers, YouTube)

Marketing & Networking

Creating & Hosting the Website

EDUCATION

Graph Developer - Professional

Apollo GraphQL Jan 2023

Graph Developer - Associate

Apollo GraphQL May 2022

UCSD Extension Coding Bootcamp

Web Development 2017 - 2018

Certification of Completion (Full Stack Web Development)

UC San Diego Extension

UNIX and Linux Systems Administration 2013 - 2014

Certification in UNIX and Linux Systems Administration

PROJECTS

Define and Design

Various clients

Served as technical advisor during the discovery phase, gathering requirements and providing architecture documentation. Estimated backlog items, interfaced with the client, and ensured a seamless transition into the development phase of the project.

Instafuel

Shell

Led the migration of an undocumented and untested Django 1.7/Python 3.4 application to Django 3 LTS/Python 3.9, incorporating containerization with Docker and the replacement of outdated packages. Worked with the DevOps team to deploy the cloud-ready application to AWS, focusing on the Django/Python/Linux/Docker/Javascript aspects of the upgrade.

SC Trace

SC Global Tubular Solutions

Led the development of a Track & Trace solution for Tubular Goods. Implemented an architecture connecting multiple legacy systems in real time using Amazon SQS. Maintained an Apollo Federation graph as the backend, supporting multiple front-end clients. Ensured secure authentication through Okta SSO and authorization via RBAC.

Booli.ai

Infosec Event Dashboard

Rewrote Booli's event dashboard application from vanilla JS to React, incorporating caching, lazy loading, and end-to-end and component tests with Cypress. Delivered a stable front-end solution for their fastify and Elasticsearch backend.

Apple Pay & App Search

cpap.com

Led the discovery and development of integrating Apple Pay and Elastic App Search into cpap.com.

SmartPAD 2.0

Cold Bore Technology

Engineered a rewrite of a React & .NET Core app into an Angular and GraphQL/NodeJS app, designed to function in low/no-internet environments and transmit data to AWS from Edge computers. Utilized D3 to create innovative charts for real-time comparison of Fracture Operations using live field data.

MCBU "Force"

Chevron

Served as lead engineer on the development team, with direct client interaction. Authored User Stories and directed the back-end team on implementation and database structure. Developed a React Native version of the app, utilizing a separate codebase and a REST API written in .NET Core with Azure Functions. Demonstrated the application to the entire Chevron Mid-Continent Business Unit.

iShale

Shell

Collaborated with an offshore team to migrate an AngularJS app to Angular 5, leveraging an existing Angular 5 project for components and authentication services. As the sole onshore developer, I created technical requirements, estimated work, and assigned User Stories. The backend was written in Java and managed by the offshore team