

Andrew Goetz

Senior Full Stack Engineer

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Professional Summary

Matthew is one of the most talented full stack engineers with 9+ years of professional experience in developing high-quality web applications and is proficient in many platforms and tools. As a web developer, he built many web applications that increased customer satisfaction by an average of 30%. With advanced knowledge of multiple programming languages and frameworks, extensive familiarity with several database structures, and a demonstrated track record of successfully coaching and guiding team members, he always improved the team satisfaction score by 20% on average.

Professional Experience

Senior Full Stack Developer

Microsoft

September 2022 – Present

Austin, TX

- Developed a mentorship and training program for junior web developers around the world using the agile development platform Jira. And improved the team satisfaction score by 25%.
- Designed and developed GraphQL API services using ASP.Net Core for a large-scale platform and developed frontend using Angular.
- using **.NET Core** Implemented microservices architecture and **Docker** for scalable and modular applications Deployed the Redis service to cache queries to retrieve data and reduce response time.
- Shortened the deployment time for critical Agile project infrastructure from hours to minutes and decreased costs by 15% each month by eliminating unnecessary servers and consolidating databases.
- Led a development team to build core applications and many web-based applications using JavaScript/TypeScript, Angular, React/Mobx, Python/Django, Spring Boot, and Node.js/Express with Jira.
- Led the implementation and optimization of GraphQL in e-commerce platforms, leveraging its efficient querying capabilities to enhance data retrieval and improve overall application performance.
- Utilized GraphiQL for API exploration, testing, and documentation, streamlining development processes and fostering collaboration among cross-functional teams.

Senior Back End Developer

Microsoft

August 2021 – September 2022

Austin, TX

- Architected, developed, and deployed decentralized applications to provide permission access to data at smart contract and protocol levels.

- Identified and resolved web application and product issues reported by clients and made improvements to reduce tickets related to errors by 60% monthly.
- Developed an iOS and Android Messenger application with object-oriented React Native programming using Redux framework architecture (like Reducers, Containers, and Saga) for integrating the data.
- Achieved responsible design, development of various components, and native navigation by using react-native-navigation, creating a fork for adding features to fit design needs.
- Defined unit tests and e2e tests and built a CI/CD platform using CircleCI to speed up production processes and increase overall team productivity by 30%.
- Built and deployed Docker containers, registered Docker image files to AWS ECR, and used AWS ECS to deploy the image files.
- Managed GitHub repositories and permissions, including branching.
- Developed and delivered the significant result of the logistic system of the company using Angular, Python/Django, and PostgreSQL Database.

Senior Full Stack Developer

July 2019 – August 2021

SKYNET TECHNOLOGIES

Jacksonville, FL

- Maintained complex technology infrastructure and collaborated with the product team to implement new features and strategically plan for future products.
- Unit testing and e2e testing to increase test coverage to over 90%. (Jest/pytest, Cypress/Selenium)
- Automated and optimized the collection of data using SQL, reaching over a 35% system response time boost.
- Fixed bugs on existing websites and implemented enhancements that improved functionality and efficiency by 20%.
- Participated in the business management team and improved the page speed by 15% for the company's e-commerce platform that generates \$18 million annually in revenue by leveraging browser caching and improving server response times with Nuxt, TypeScript, and GraphQL (Relay).
- Strong knowledge of working with GraphQL schema, queries, and mutations to interact with MongoDB and several other data layers.
- Upgraded the company's management system backend using Spring Boot, Neo4j, and PostgreSQL.

Back End Developer

May 2018 – July 2019

SKYNET TECHNOLOGIES

Jacksonville, FL

- Implemented JWT Token based authentication to secure the ASP.NET Core Web API and provide authorization to different users, and developed stored procedures, functions, and views for accessing the database.
- Analyzed system requirements to lead to the development of three ASP.NET and Express.js projects, application enhancements, and various maintenance activities.
- Built proof of concepts with Node.JS REST frameworks like Express, and HapiJS and helped the team choose the right framework for development.
- Consulted with engineering team members to determine system loads and develop improvement plans.
- Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
- Collaborated with team members and upgraded the company's management system backend using Spring MVC and PostgreSQL.

- Developed a mock data generation feature that is integrated with the GraphQL IDE interface to allow users to send queries against their custom generated schema and render mock results in order to familiarize users with the GraphQL syntax.

Full Stack Developer

August 2017 – May 2018

SKYNET TECHNOLOGIES

Jacksonville, FL

- Handled programming tasks and maintained internal websites with a high success rate of 98% in product update deployment.
- Developed a lead marketing MySQL database, collecting, categorizing, and filtering leads from various stakeholders.
- Spearheaded the transition from the LAMP stack to Django and Next, reducing latency by 35% and increasing database efficiency by 20%. Applied modern technologies such as GraphQL (Apollo).
- Managed a team of front-end developers throughout the project life cycle, provided coaching and mentorship, and established a collaborative work culture centered on creativity and empowerment. And reviewed team members' code to increase code quality.
- Built 4 minimum viable products (MVP) with PostgreSQL, MongoDB, Angular, and ASP.NET.

Senior Front End Developer

June 2016 – August 2017

CodingIT

Cedar Park, TX

- Contributed to building the company's management system, which processed, analyzed, and visualized data using React, Redux, Node.js, and the GraphQL (Apollo) stack.
- Implemented the UI and related tests of the company's ERP system, reducing operational costs by 6%.
- Developed and built dynamic user interfaces to support large-scale e-commerce platform projects in agile environments, increasing client account engagement by 8%.
- Developed training web applications using Vue, Vuex, GraphQL (Relay), and Django, receiving feedback and guidance from the client's lead designer.
- Implemented a recursive algorithm to parse large GraphQL introspection queries into a dotfile format in order to visualize the one-to-many relations between schemas.
- Involved ASP.NET MVC web pages (C# code behind) for authentication, registration, maintenance, document uploading, and the faculty approval system.

Front End Developer

September 2015 – June 2016

CodingIT

Cedar Park, TX

- Translated the design team's UX wireframes and mockups into responsive, interactive features using HTML/CSS and JavaScript.
- Designed and developed the UI for applications and modules using React, Vue, and AngularJS.
- Created custom front-end frameworks for marketing, advertising, and e-commerce websites, platforms, and applications, which included managing all aspects of prototyping, wireframing, debugging, and coding activities with PHP/Laravel.
- Developed innovative features in coordination with stakeholders, technical teams, and the product management organization to improve user satisfaction by 5%.
- Collaborated with the UX/UI design teams to improve the website and applications, increasing conversion rates by 25%.

- Designed and maintained both corporate and client websites, using scripting languages and content management systems, including Magento.

Education

Bachelor of Science in Computer Science | University of Miami

August 2011 – September 2015

Key skills

- HTML, CSS, JavaScript, TypeScript
- React, Next, Vue, Nuxt, Angular
- C#, ASP.NET CORE/MVC/Web API
- Python, Django, Flask, FastAPI
- PHP, Laravel, CI, Symfony
- Java, Spring MVC, Spring Boot
- Node.js, Express, Nest
- CMS, WordPress, Magento
- MySQL, PostgreSQL, MongoDB, Neo4j, Redis
- REST API, GraphQL, Apollo, Relay
- Ruby, Go, C/C++
- Jest, Pytest, Cypress, Selenium, Mocha, Chai
- AWS, CI/CD, Docker, Kubernetes
- Jenkins, GitHub Actions, CircleCI
- Git, Jira, Trello