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| Iselin, NJ 08830 | **Meghal Modi** [LinkedIn](https://www.linkedin.com/in/meghal-modi/) | [GitHub](https://github.com/meghalmodi12/) | [Website](https://meghalmodi12.github.io/) | [(973)-610-2729](tel:%20//9736102729)  [meghalmodi12@gmail.com](mailto:meghalmodi12@gmail.com) |

**WORK EXPERIENCE**

**Senior Software Engineer, PayPal (Remote) June 2022 - Present**

* Led frontend architecture redesign project and delivered modernized and performance-efficient codebase using cookie-based authentication, webpack minification, and improved type support for the redux store
* Optimized component rendering using react lazy loading and reduced the initial bundle size by 80%
* Implemented AWS CloudFront and S3 bucket to host the application and distribute the static resources, reducing latency and improving scalability
* Initiated localization efforts using the i18next library to enhance the user experience for a global audience
* Optimized Postgres stored procedures to improve reporting batch job execution
* Leveraged webpack plugins to streamline the translation file generation process, reducing manual intervention and potential errors
* Collaborated on a critical project enabling merchants to configure warehouses for reverse logistics. This empowered merchants to process mixed shipments efficiently, resulting in a remarkable cost reduction of 60%
* Developed a range of utility functions and react hooks to enhance the efficiency and maintainability of the existing codebase

**Software Engineer III, Nextbite (Remote) November 2021 - April 2022**

* Designed and developed AWS AppSync client to perform JWT token-based authorization using custom AWS Lambda functions over API keys
* Implemented redux based feature flagging tool to improve stability on existing dashboard/order aggregator tool
* Worked on the enhancement of logging mechanism using Loggly library to improve log accessibility and visualization

**Software Engineer II, Meredith Corporation, New York, NY March 2020 - November 2021**

* Worked closely with product owners, project management, and tech leadership to plan and create new digital products, site features, and ongoing enhancements
* Worked closely with QA engineers to facilitate manual feature testing, contribute to automated test coverage
* Consumed nontechnical user stories, providing feedback when necessary, translating them into technical documentation, and using them as a basis for implementation

**Software Developer, KMK Consulting Inc., Morristown, NJ September 2015 - March 2020**

* Developed reporting applications to visualize and analyze sales data for pharmaceutical clients using Node.js, MySQL, React, and CSS modules, also implemented bulk data export functionality in PDF and Excel format
* Established cron job pipelines to calculate delta metric values based on current and historic data using MySQL stored procedures
* Designed a platform to measure employee performance based on predefined metrics, supporting quarterly data refresh using React.js, PHP, and MongoDB
* Implemented a virtual simulator that determines the next state of the patient using probabilistic and conditional methods based on selected medications which helps doctors with proactive treatment steps using React.js
* Drafted a geography sharing tool using zip code KML files and Google Maps API to create a request chain based on a predefined employee hierarchy

**Software Engineer Intern, Onsite Software, Philadelphia, PA July 2014 - June 2015**

* Prepared an application using SQLite for offline data usage and synchronization
* Extended existing web applications to multiple platforms (Android, iOS, and Windows) using Telerik AppBuilder

**Trainee Software Engineer, Cygnet Infotech Pvt. Ltd, Ahmedabad, India July 2012 - December 2013**

* Developed custom data transformer using C# to parse and transform XML into Microsoft CRM system compatible data, also implemented web interface for better accessibility and representation

**SKILLS**

**Programming Languages :** JavaScript, TypeScript, Go, Python, PHP

**Web Technologies :** Node, React, Redux, Next, Apollo GraphQL, Tailwind CSS

**Databases :** MySQL, Postgres SQL, MongoDB, SQLite, Redis, SQL Server+

**Development Environment :** VS Code, Git, Agile Methodologies, SDLC, JIRA, Jenkins

**Cloud Technologies :** AWS AppSync, AWS Lambda, AWS S3, AWS CloudFront, Terraform

**Testing Frameworks** **:** JEST, Cypress

**EDUCATION**

* Masters in Information Science and Technology, Temple University (CGPA 3.36) **2014 - 2015**
* Bachelors in Computer Engineering, Charotar University of Science & Technology (CGPA 3.56) **2008 - 2012**