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Meghal Modi
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RELATIVE WORK EXPERIENCE

Software Engineer II, Meredith Corporation, New York, NY   **March 2020 – Present**

- Working closely with product owners, project management, and tech leadership to plan and create new digital products, site features, and enhancements
- Investigate, troubleshoot, and implement fixes for bugs
- Participate in the technical design of new and expanding systems and infrastructure
- Work closely with QA engineers to facilitate manual feature testing, contribute to automated test coverage
- Consume nontechnical user stories, providing feedback when necessary, translating into technical documentation, and/or using as a basis for implementation

Sr. 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's performance based on predefined metrics, supporting quarterly data refresh using React JS, PHP and MongoDB
- Implemented virtual simulator that determines the next state of patient using probabilistic and conditional methods based on selected medications which helps doctors with proactive treatment steps using React JS
- Used browser local-storage and IndexedDB to improve system performance by reducing number of server calls
- Created library to dynamically generate HTML forms based on provided JSON object using ES6 classes
- Drafted a geography sharing tool using zip code KML files and Google maps API to create request chain based on predefined employee hierarchy

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

- Developed signature, video, photo and audio recording tool using HTML5 and JavaScript
- Prepared an application using SQLite for offline data usage and synchronization
- Extended existing web application 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 XML files and transform into Microsoft CRM system compatible data, also implemented web interface for better accessibility and representation
- Implemented database backup system to migrate content to established CRM system, scheduled the tool to check and accommodate data modifications

SKILLS

Programming Languages	**:** JavaScript, Python, PHP
Web Technologies	**:** RESTful web services, Node Js, React Js, GraphQL
Databases	**:** MySQL, MongoDB, SQLite, Redis, Firebase, SQL Server+
Development Environment	**:** Visual Studio Code, Git, Bitbucket, JIRA

EDUCATION

- Master's in Information Science and Technology, Temple University   **January 2014 – June 2015**
- Bachelor's in Computer Engineering, CITC, Gujarat Technological University, India   **July 2008 – May 2012**