NEHA DABEERU

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WORK EXPERIENCE

Software Engineer, Bank of America, Chennai, India   *(June 2020 – Dec 2022)*
- Developed customized solutions and wrote high-quality code for web applications, ensuring compatibility across browsers and devices.
- Collaborated with agile teams to support existing contact center desktop and web applications, including developing new functionalities, fixing defects, and writing unit tests.
- Performed continuous integration/deployment using CD/CI methodologies.
- Utilized HTML5, CSS3, AngularJS, and Angular 2/10 (TypeScript) to develop responsive web applications.

Internship, Flsmidth & amp; Co. A/S, Chennai, India   *(Dec 2018 – Jan 2019)*
- The project included extensive knowledge-sharing on RPA technology that is used in the organization to automate tasks using the RPA tools (automation anywhere). The backend is supported by MySQL.

Internship, Rashtriya Ispat Nigam Limited Visakhapatnam, Visakhapatnam, India   *(May 2018 – June 2018)*
- Gained practical experience in implementing ERP using ABAP/4 (SAP applications) at RINL.
- Developed the 'Delegation of Powers' system, integrating module activities and providing an intuitive interface for users to comprehend power assessment information.
- Utilized ASP.NET for the front end and PL/SQL for the back end.

EDUCATION

Master of Science, Data Analytics   *(expected December 2024)*
San Jose State University, San Jose, USA

Bachelor of Technology, Computer Science and Engineering   *(July 2016 - July 2020)*
SRM Institute of Science and Technology, Chennai, India

TECHNICAL SKILLS

Programming Languages: Typescript, JavaScript, PHP, HTML5, CSS3, C++, Object-Oriented Programming (OOP) with Java and Python.

Tools and Frameworks: Angular, GIT, Bootstrap, Vue.js, Spring Boot IDE: CodeBlocks, Eclipse, Jupyter notebook, Visual Studio Code

Databases: MySQL, PostgreSQL, MongoDB, Redis

Datawarehouse: Snowflakes

RELEVANT PROJECTS

Maximizing Business Insights: Snowflake Data Warehouse Design and Performance for Gun Violence Analysis [LINK]
(Feb 2023 – May 2023)
- The primary objective of this project is to extract valuable insights from the selected dataset utilizing the Snowflake data warehousing technology**.** The databases used for analysis are RDBMS, MongoDB and Redis. The result of the analysis is visualized using Tableau.

Stock Market Prediction, Research Paper [LINK]   *(Sept 2019 – Jul 2020)*
- The project aims to process large volumes of real-time NYSE and NASDAQ data and build a time-series model in python that would run thorough regression algorithms on them with interactions, to give precise stock predictions.
- Published in the International Journal for Innovative Technology and Exploring Engineering; **ISSN 2278-3075**, Vol-9 Issue-9

Pharmacy Management System, Minor Project   *(Jan 2019 – May 2019)*
- In the project, pharmacy management system, the users can update their inventory seamlessly and generate invoices and receipts using TCPDF. Records once updated into the database are replicated (to the backend) to avoid any unwanted data loss.
- The project is developed using PHP scripting language. It includes absolute support for UTF-8 Unicode, bi-directional algorithm, and right-to-left languages.

CERTIFICATIONS

Microsoft Technology Associate - Networking Fundamentals (MTA)   *(Jun 2017 · No Expiration Date)*
Credential ID Q5AP-FVpy