**Prathima Bommannagari**

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**CAREER PROFILE**

* Dedicated **Computer Science** graduate student at the **University of North Texas** graduating in **May 2023.** Seeking a **Software Engineer** position focused on designing, building, and testing software. **Ten solid years** of IT experience in the areas of Analysis, Design, and Development. Skilled at coding, programming, data structures, and algorithms.

**EDUCATION**

*University of North Texas | Denton, Texas*  **Expected May 2023**

**Master of Science | Computer Science |**  GPA: 4.0

***Relevant Course Work:*** Software Engineering, Big Data and Data Science, Database management

*Jawaharlal Nehru Technological University | India*  **Graduated May 2010**

**Bachelor of Science | Computer Science |**  GPA: 3.7

***Relevant Course Work:*** Computer Organization, Operating Systems, System Software, UNIX

**TECHNICAL SKILLS**

**Software:** Visual Studio |UML |Git |VMware Workstation |Microsoft Office Suite (Excel, Outlook, PowerPoint, Word)

**Programming Languages:** Java| Python| UNIX| C++

**Web Technologies:** HTML5| XML| CSS3| Applets| Servlets| Java Script| React JS

**Database:** Oracle, MySQL

**Operating Systems:** Windows| Linux

**PROJECTS**

* Developed a web application to provide a platform for user-driven reviews and ratings on Movies and TV shows.

*Tech Stack:* HTML, CSS, React JS, MySQL Database, and Java Spring Tool Suite.

* Contributed to a Machine Learning project ‘Coupon Purchase Prediction’ to predict the coupons that will be purchased by users based on their browsing history and past purchasing habits.

*Tech Stack:* Python, Used Google Colab to run the notebooks.

* Collaborated in a team project ‘Ransomware Creation and Mitigation’ that includes ransomware creation, infection, monitoring, detection, and mitigation.

*Tech Stack:* HTML, CSS, JavaScript, and Python.

* Launched a portfolio website that details my work, skills, and experiences.

*Tech Stack:* HTML, CSS, and JavaScript.

* Developed a Dice Roll Simulator program.

*Tech Stack:* Python

**EMPLOYMENT EXPERIENCE**

**UNT On-Campus Employment, Texas, United States** May 2022- July 2022

**Role: STEM Student Employee**

* Contributed my expertise as a Teaching Assistant on ‘Web Accessibility’ and ‘Introduction to Artificial Intelligence’ during a Summer Camp organized by Dr. Stephanie Ludi, Chair of the Computer Science department.
* Assisted students with autism disorder on various class projects regarding Artificial Intelligence and Web accessibility.

**EdgeVerve Systems Limited,** India Aug 2015- Jul 2021

**Role: Technology Analyst, Senior Systems Engineer**

* Handled both UAT and Production issues regarding Finacle applications raised by Clients from Middle East Africa.
* Analyzed application logs which play a crucial role in identifying the bugs in the application.
* Developed and maintained Finacle core banking sources using C++.
* Provided efficient solutions and workarounds as part of bug fixing.
* Wrote UNIX shell scripts to automate the data loads and expedited version migration.
* Engaged in DB validations for batch import data using PL/SQL, and DB Triggers.
* Developed a web application using React JS, JavaScript, type script, CSS3, HTML5, AJAX, and backend services using Java spring boot framework.
* Utilized JSPs, Java Scripts, applets, and servlets to perform configuration and modifications required to support business requirements at both Server Level & Browser level in the Single Sign-on framework.
* Implemented SHA-256 algorithm for ‘Hashing’ to secure the credentials of the user on the network during application login.
* Reviewed and designed the application architecture along with the onsite lead.
* Performed SPOC activities like conducting monthly status calls with Clients to discuss outstanding issues and conducting Live meetings for the priority issues faced by them.
* Stellar coordination and communication with clients and internal teams of the project to ensure early resolution of the issues.
* Actively involved in performing parallel tasks as part of the emergency releases and monthly releases in addition to efficient handling of Signature Verification System issues to the customers.
* Full Software Development Life Cycle (SDLC) experience including Analysis, Design, and Review of Business and Software Requirement Specifications; Development, Testing as per the RUP's Iterative Software Development Life Cycle process and Agile software development methodology.

**Infosys Limited**, India Nov2010 – Jul2015 **Role: Systems Engineer, OBIEE Developer**

* Involved in all major phases of the project starting from requirements gathering, technical design, build, reports generation, bug-fixing during internal SIT, and Onsite SIT (at the client’s location).
* Handled design and implementation of dimensional models in the Repository of OBIEE built on the OLTP database.
* Performed Repository creation, and development of reports using BI Answers.
* Built reports using OBIEE 11g and repository development using the BI Admin tool.
* Developed and deployed dashboards, analytics, and reports properly.
* Knowledge of Data Level and Object Level security.
* Experienced in Enterprise Manager, BI Console, and Command Manager.
* Collaborated with business areas and data owners to successfully implement and maintain an enterprise-level business analytics and data warehousing solution.
* Managed discovery, modeling, and delivery of all objects for reporting.
* Conducted design and coding of the Extraction, Transformation, and Loading of ODS.
* Performed extensively in BI and ETL-based data issues for customers of ICICI bank and built reports using OBIEE 11g.
* Developed enterprise dashboards and reports using OBIEE Plus tools.
* Ability to work on complex data structures, dashboards, and ad hoc reporting.

**LEADERSHIP & PROFESSIONAL ORGANIZATIONS**

Infosys Disaster Risk Reduction (DRR) Team, India Mar 2018 – July 2021

*Aims to reduce the damage caused by natural hazards like earthquakes, floods, and cyclones, through an ethic of prevention.*

**AWARDS/SCHOLARSHIPS/GRANTS**

Best Employee of the Month Award, EdgeVerve Systems Ltd. September 2020, December 2017

GEM (Going an Extra Mile) Award, Infosys Ltd. February 2015

**HOBBIES/VOLUNTEER EXPERIENCE**

Gardening, cooking, traveling, and exploring new places.