

Prathima Bommannagari

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CAREER PROFILE

- Dedicated **Computer Science** graduate student at the **University of North Texas** graduating in **May 2023**. **Ten solid years** of IT experience in the areas of Analysis, Design, and Development. Skilled at coding, programming, data structures, and algorithms.

SKILLS

Software: Visual Studio | UML | Git | VMware Workstation | Microsoft Office Suite | **Programming Languages:** Java | Python | UNIX | C++ | **Web Technologies:** HTML5 | XML | CSS3 | Applets | Servlets | Java Script | jQuery | React JS | **Operating Systems:** Windows | Linux | **Database:** Oracle, MySQL | **Languages:** English, Telugu, Hindi, and Spanish – All professional proficiency or above

EMPLOYMENT EXPERIENCE

UNT On-Campus Employment, Texas, United States

May 2022 - Jul 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

- Implemented SHA-256 algorithm for 'Hashing' to secure the credentials of the user on the network with Finacle Core banking application login.
- Collaborated in the Finacle Core Banking web application project utilizing React JS, JavaScript, type script, CSS3, HTML5, AJAX, and backend services using Java spring boot framework. The application is widely used by banks across 100 countries and serves over 1.05 billion customers.
- Led a team of 4 people in resolving UAT and Production issues of Finacle banking applications raised by Clients from the Middle East and Africa.
- Developed and maintained Finacle core banking sources using C++.
- 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.
- 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 which is used by applications in the Finacle Universal Banking Solution suite for authentication into the system.
- 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

Nov 2010 - Jul 2015

Role: Systems Engineer, OBIEE Developer

- Involved in all major phases of the project starting from requirements gathering, technical design, build, reports generation, and 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.
- 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 of ICICI bank and built reports using OBIEE 11g.
- Developed enterprise dashboards and reports using OBIEE Plus tools.
- Designed and implemented complex data structures, dashboards, and ad hoc reporting.

PROJECTS

- Developed a web application to provide a platform for user-driven reviews and ratings on Movies and TV shows. | Tech Stack: HTML5, CSS3, 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 (Pandas, NumPy, Matplotlib, and Scikit Learn)
- Collaborated in a team project 'Ransomware Creation and Mitigation' that includes ransomware creation, infection, monitoring, detection, and mitigation | Tech Stack: HTML5, CSS3, JavaScript, and Python
- Launched a portfolio website that details my work, skills, and experiences. | Tech Stack: HTML5, CSS3, and JavaScript
- Developed a Dice Roll Simulator program. | Tech Stack: Python (tkinter, and PIL)
- Implemented a Weather Application. | Tech Stack: HTML5, CSS3, and JavaScript
- Developed a Meme Generator Web Application. | Tech Stack: HTML5, CSS3, and JavaScript, ReactJS
- Designed and implemented a Tenzi Game Web Application. | Tech Stack: HTML5, CSS3, JavaScript, ReactJS

EDUCATION

University of North Texas | Denton, Texas, United States

Master of Science | Computer Science |

Expected May 2023

GPA: 4.0

Jawaharlal Nehru Technological University | India

Bachelor of Science | Computer Science |

Graduated May 2010

GPA: 3.7

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.