

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.