
EDUCATION

Portland State University | Portland, Oregon**Sept 2022 –June 2024**

Master of Science in Computer Science

Coursework: Internetworking Protocols, Operating Systems, Machine Learning, Algorithm Design and Analysis, Artificial Intelligence, Code Revision and Review, Database Systems, Object Oriented Design, Computer Vision, Virtual Reality, Agile Methodologies, Intro to Web development, Internet Web and Cloud, Data Mining, Cloud computing, Data Structures.

Sathyabama University | Chennai, India**Aug 2017 - Mar 2021**

Bachelor of Science in Computer Science

TECHNICAL SKILLS

Programming: Python, Java, SQL, Snowflake, C, PHP, C++, GIT hub.**Tools:** MobaXterm, Eclipse, Jupyter, Visual Studio, Android Studio.**Web Technologies:** HTML, CSS, JavaScript, React, Bootstrap, jQuery, PowerBI, DevOps, MySQL.**Operating System:** Windows, Linux Operating Systems.

CERTIFICATIONS

- AWS Certified Cloud Practitioner | Amazon web services | January ‘27
- Analyzing data with Microsoft PowerBI | Microsoft | Oct ‘21

PROFESSIONAL EXPERIENCE

Infosys limited, Chennai, India**June 21 - July 22**

System Engineer

- Experienced professional with proficiency in MySQL, IBM Maximo, Excel, Word.
- Demonstrated expertise in asset management through 12 months of experience with IBM Maximo. Skilled in maintaining and managing assets, creating and overseeing work orders, tracking maintenance schedules, and ensuring compliance with industry regulations. Proficient in utilizing IBM Maximo and testing data using SQL Server.

TECHNICAL PROJECTS

Full stack development

Project name: Venue Booking System

Technologies used: JavaScript, Html, CSS, bootstrap, Mango DB and React JS, jQuery, SQL, GIT hub.

I developed a web portal facilitating event venue bookings across the United States. As the sole frontend developer, I designed and implemented web pages using React.js, adhering to Agile methodologies and visual design guidelines. Utilizing HTML, CSS, React.js, and Node.js, I crafted the user-facing interface while leveraging PHP, SQL for robust backend functionality. Features included user verification, real-time venue availability checks, and seamless payment processing. I conducted thorough testing, employing both unit and integration testing methods.

Agile Methodologies

Technologies used: Python, Linux

As a part of our course ‘Modern Agile and other XP Software Engineering’, I built an SFTP server using Agile methodology. I’ve worked on user stories like logging into the remote FTP server, listing directories & files on a remote server, creating and deleting directories on a remote server, and performing Unit testing. I’ve switched roles between a Scrum Master and a developer to gain experience in working with Agile.

Internetworking Protocols

Project name: Internet chat rely

Technologies used: Python

In this project we employed protocols to provide multi-client communications that allowed users to create, join and leave room. In addition to this, users can privately message another client. All clients can communicate and see each other’s messages.

Mobile application

Project name: Healthcare Mobile Application

Technologies used: Python

A healthcare mobile application designed to address the challenges of appointment scheduling and patient monitoring. I’ve worked on integrating Firebase with Android Studio to maintain the database and configure ‘Sign in with Google’ feature. Designed the front end and backend of the Doctor’s view using Java on Android Studio platform. Tested and documented the end-to-end functioning of the application.

Database Management System

Project name: Python, PostgreSQL

A Implemented a database project named Hospital Data Management using PostgreSQL, which involved performing data cleaning and structuring. The project required me to design and create a database schema, import and clean data from various sources like Kaggle, and perform data validation and normalization. Through this project, I gained experience in working with SQL queries, database, and data manipulation. I succeeded in executing it with the help of PostgreSQL by establishing a connection to it through python.

LEADERSHIP QUALITIES

Proven leadership skills as a Student Ambassador, demonstrating my ability to represent and inspire fellow student while fostering a positive campus environment.