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| Education | |  |
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| • | Portland State University | Portland, OR |
|  | Master of Science in Computer Science; GPA: 3.83/4.00 | Mar. 2022 – Aug. 2023 |
| • | Prasad V Potluri Siddhartha Institute of Technology | Vijayawada, India |
|  | Bachelor of Technology in Computer Science and Engineering; GPA: 8.06/10.0 | June. 2015 – Mar. 2019 |

Technical Skills and Interests

* Languages: Java, Python, HTML+CSS, JavaScript, C/C++
* Web Dev Technologies/Tools: JSON, jQuery, ReactJs, Bootstrap, VScode, Eclipse, Git, Github, Jenkins
* Frameworks/Technologies: Spring boot, JUnit, Mockito, Hibernate
* Cloud/Databases: Amazon Web Services (AWS), Relational Database(MySQL), PostgreSQL, Oracle
* Areas of Interest: Software Development and Engineering, Cloud Development
* Soft Skills: Problem-Solving, Self-learning, Presentation, Adaptability
* Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Management System, Software Engineering

Projects

* Text Emotion Analysis: Developed a model for emotion detection in English text using machine learning techniques, with a focus on analyzing emotions in textual dialogues. The model utilizes NLP techniques such as Multinomial Naive Bayes Classifier, TF-IDF Vectorizer, Linear SVM, and Logistic Regression. The accuracy of the model is evaluated using labeled tweet data sets.
* Internet Relay Chat: Created a single server architecture-based application utilizing Python code and deployed it on AWS Cloud by configuring an EC2 instance. Implemented multi-user functionality, enabling users to create and manage groups, as well as broadcast messages within them.
* Loan Prediction for Commercial Bank: Designed a modeling system that predicts whether the loan can be granted to the customer using Random Forest Machine Learning prediction algorithm.

Experience

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Portland State University Portland, OR

Graduate Teaching Assistant Sep. 2022 - June. 2023

* Conducted office hours to provide individualized support to students.
* Drafted detailed weekly reports to the course professor to assist in directing curriculum, planning lessons, assignments, quizzes, final projects, and instructing labs.
* Demonstrated strong communication, organizational, and time management skills while balancing multiple responsibilities.

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Tata Consultancy Services Hyderabad, India

Software Engineer May 2019 - Feb 2022

* Migrating and refactored the legacy Java code to optimized Spring boot applications with Jenkins deployment which boosted efficiency.
* Developed RESTful API services as a middleware between the application and third-party APIs using Java.
* Ensured application quality by developing comprehensive JUnit test cases enhancing test coverage by 80 percent.
* Developed & deployed web services in API model for integrating with various clients which made application scalable.
* Collaborated closely with Software Architects and Senior Developers to design and implement high-quality software solutions using design.

Achievements

* Received ‘Intercultural Leadership Award’ for mentoring International Students at Portland State University.
* Achieved a commendable score in the global coding event ’CODE VITA’ organized by TCS.
* Recognized with the ’Best Team Award’ for delivering thoroughly tested, bug-free code and making significant contributions to the project at Tata Consultancy Services.