SATYA SASHIDHAR REDDY CHIRLA

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EDUCATION

Master of Computer Science, Arizona State University   GPA: 4/4 Expected 2024
Relevant Coursework: Human-Computer Interaction, Information Assurance and security, Knowledge Representation, Mobile Computing, Semantic web Mining, Software Verification and validation test.

Bachelor of Computer Science, Koneru Lakshmaiah Educational Foundation, India   GPA: 3.6/10 2017 - 2021
Relevant Coursework: Operating Systems, Data Structures and Algorithms, Database Management Systems, Object Oriented Programming - Java, Foundations of Algorithms, Distributed Database Systems, Data Visualization, Artificial Intelligence and Machine Learning, Natural Language Processing, Deep Learning, Open Computer Vision.

SKILLS

Programming Languages	Python, SQL, Java,c, C++
Web Technologies	HTML5, CSS3, JavaScript, XML, REST, Bootstrap, React, Spring Boot
Databases	MySQL, SQL Server, Mongo DB, Apache HADOOP, PostgreSQL
Tool	Android Studio, IntelliJ IDEA, Bitbucket, Visual Studio, Clingo, Protege, Eclipse, Pycharm, Docker, Anaconda

PROFESSIONAL EXPERIENCE

Teaching Assistant/Grader   January 2019 - May 2021
KL University   *Vijayawada, India*
Subject: Object-Oriented Programming Using Java under Professor Mohammed Gouse.

- Assisted the professor in preparing and delivering lectures on object-oriented programming concepts and principles to 120 students and Conducted weekly discussion sessions to reinforce concepts and answer student questions.
- Graded assignments and exams, provided feedback to students and helped develop solutions for common mistakes. Improved the average grade of students in the course by 18 Percent through personalized support and feedback.

Digital Specialist Engineer   February 2021 – May 2022
Infosys Limited   *Hyderabad, India*
Technology Stack: Machine Learning, Natural Language Processing, Python, Docker, MySQL, Mongo DB, Kafka, Jupiter, JavaScript, Micro Frontends, Putty, Swagger, DBeaver, Angular, NodeJS, Minio, swagger.

- At Infosys Limited my role is to identify and understand the applicability of digital technology in solving business problems across multiple domains leveraging Data, Cloud, AI, and other new emerging technologies.
- Worked on the development of an Infosys recruitment automation project which can extract and automate a candidate's selection and interview process based on the resume.
- Worked on QA Model training for the BERT, T5, and GPT Neo models and was one of the project's scrum masters, pushing changes to the project server's git.
- Worked on micro-frontends, swagger, database (MongoDB) and Angular for the Resume Parser web Interface.
- Acquired proficiency in teamwork and our team was recognized and awarded as the "Best Achiever" among the STG Unit of Infosys.

PROJECTS

Prediction of Wall Street Through Artificial Intelligence - The main aim is to discover an ideal AI model that predicts future 'Close Price' of stocks through a Comparative report between various machine learning, Deep learning, and Timeseries forecasting techniques. Research Paper published in ICMISC 2021 conference and presented in the conference for Springer publication (Research Paper)