NIKHIL REDDY TADA

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As a highly enthusiastic and passionate graduate student, I am seeking an on-campus part-time job that will enable me to apply my technical skills and gain hands-on experience in a challenging environment. I am extremely interested in contributing to the university's mission and vision through my work and I am eager to learn and engage in collaborative team play.

I believe that my technical skills and experience, coupled with my passion for learning and growth, will allow me to make valuable contributions to the university community. I am committed to working hard and being a team player, and I am excited about the opportunity to develop new skills and work alongside fellow students and professionals in a supportive environment.

I am confident that a part-time job at the university will not only provide me with valuable work experience, but also enable me to make meaningful connections and build relationships with colleagues and mentors. I am eager to contribute my skills and knowledge, and to learn from the experiences and expertise of others in the university community.

EXPERIENCE

21/03/2022 – PRESENT/2022

FULL STACK ENGINEER, SOFTWARE ENGINEER

CHUBB BUSINESS SERVICES INDIA LLP

- Worked on a team to develop and maintain a complex web application used by millions of users worldwide.
- Collaborated with designers, product managers, and other developers to deliver high-quality features on time and within budget.
- Developed RESTful APIs using ASP.NET Web API and implemented authentication and authorization using OAuth 2.0.
- Implemented performance optimizations to reduce load times and increase server response times.
- Created and maintained database schemas and optimized queries for improved performance.
- Worked in a Scrum/Agile environment to plan and estimate work at different levels (story, sprint, release).
- Played a key role in data migration from MongoDB to SQL Server.
- Contributed to feature implementation, enhancement, code refactoring, and defect fixing.
- Designed and created database models to represent complex business entities and relationships.
- Developed high-volume single-page applications using .Net, Python, and Angular.

- Assessed project requirements using Agile & Scrum principles, resulting in estimation of Level of Effort (LOE) and required working hours.

27/03/2021 – 17/03/2022

DOTNET FULL STACK ENGINEER, JUNIOR SOFTWARE ENGINEER

COGNIZANT TECHNOLOGY SOLUTIONS

- Full-Stack development using .Net and Angular.
- Developed and tested software features for an enterprise-level software application using C# and the .NET Framework.
- Participated in daily stand-up meetings and code reviews with the development team.
- Assisted in bug fixing and troubleshooting during the software development lifecycle.
- Learned and applied best practices for software development, including Agile methodologies and code versioning with Git.
- Developed robust front and back-ends for web applications that tracked geohazards and warned clients about potential risks.
- Implemented improvements in the design of existing software architecture.
- Undertook complete ownership of assigned tasks and managed own priorities and time allocation with minimal daily supervision.

24/09/2020 – 27/03/2021

- Participated in various online coding competitions.
- Attended various workshops on Machine Learning and Data Science.

After graduation I had multiple offers from MNCs like Infosys, Cognizant. Infosys joining date was early but I waited for Cognizant as it offered me role of Full Stack Developer. So I have used this time period to develop my skills on various subjects.

EDUCATION

2023-PRESENT

MASTER'S IN DATA SCIENCE

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

GPA: 4/4

COURSES:- (DATABASE SYSTEMS, DEEP LEARNING AND FOUNDATIONS OF DATA SCIENCE)

2016-2020

BACHELOR OF TECHNOLOGY

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

COMPUTER SCIENCE AND ENGINEERING

CGPA: **9.03/10**

2014-2016

HIGHER SECONDARY SCHOOL

SRICHAITHANYA JUNIOR KALASALA, HYDERABAD
MPC
PERCENTAGE: **90.6/100**

2013-2014

SECONDARY SCHOOL

TEJASWI HIGH SCHOOL, WARANGAL
GPA: **9.8/10**

TEST SCORES

- **GRE SCORE:** 320 (VERBAL REASONING: 159, QUANTITATIVE REASONING: 161)
- **TOEFL SCORE:** 103/120 (READING: 30/30, LISTENING: 26/30, SPEAKING: 23/30, WRITING: 24/30)

TECHNICAL SKILLS

- **Cloud Platforms** : Microsoft Azure
- **Big Data Technologies**: Kafka
- **Machine Learning Frameworks**: TensorFlow, Scikit-learn, Keras
- **DevOps Tools** **:** Docker, Jenkins
- **Database** **:** SQL SERVER, MySQL, MongoDB
- **Language** **:** C#, PYTHON, JAVA, C, C++
- **Front End** **:** Angular, HTML, CSS, JavaScript, Bootstrap
- **Frameworks** **:** ADO.NET, ASP.NET, MVC and Web API
- Web Development Stacks
- Content Management System
- Version Control Systems like git
- Rest APIs, SOAP
- Scrum/Agile

TECHNICAL PROJECTS

RETAIL BANKING

TEAM LEAD

It is one of the most important financial activities which will be carried out by any person who holds a bank account. There are various activities that can be carried out once you log in to your bank account. Once a user logs in he or she can check the bank balance, check bank account transaction history or account summary and transfer amount to another account. Whenever we deal with a banking system main concern should be the security related to banking transactions and account login activity.

TWITTER SENTIMENT ANALYSIS
TEAM LEAD

Developed a machine learning model using Python and Scikit-learn to perform sentiment analysis on Twitter data. The model was trained on a large dataset of tweets and achieved an accuracy of 90%. The project also involved creating a web interface using Flask to allow users to enter a keyword and receive real-time sentiment analysis results.

HUMAN MOTION GESTURE RECOGNITION
TEAM LEAD

We have designed an approach for Human computer Interaction (HCI), which can be widely used in human-computer interaction, intelligent monitoring, virtual reality, human behavior analysis. We used a deep convolutional stacked hourglass network to accurately extract the location of key joint points on the image. The model is trained with static gesture images. The Convolutional neural network is created without using a pre-trained model. d the second hierarchy (child) and show the spatial relationship of human body parts. The generator and the discriminator are designed as two parts in the network, and they are connected in order to encode the possible relationship of appearance and, at the same time, the possibility of the existence of human body parts and the relationship between each part of the body and its parental part coding.

DECLARATION

I hereby solemnly declare that all the statements made in the above application are true to the best of my knowledge and belief and nothing has been concealed, suppressed or fabricated**.**

Tada Nikhil Reddy,
ntada