Abhijeet Thube - Software Developer

Clemson, SC | P: (+1)9082947838 | athube@clemson.edu | https://www.linkedin.com/in/abhijeet-thube/ |
https://github.com/abhijeet1608?tab=projects | Portfolio Website: https://abhijeet1608.github.io/

SUMMARY

Knowledgeable professional with a degree in computer science, with a strong aptitude for data structures & algorithms, problem solving, critical thinking and leadership. Excellent practical knowledge of Python, Java, Java-script (Node.js, React.js), C++ & Rest API.

EDUCATION

CLEMSON UNIVERSITY, *Clemson, SC.* (May 2024)
Master's in Computer and Information Science, GPA: 3.93/4.0
Relevant Coursework: Data Analysis, Software Engineering; Cloud Computing; Data Structures & Algorithms; Artificial Intelligence
UNIVERSITY OF MUMBAI, *Mumbai, MH.* (May 2022)
Bachelor's in Computer Engineering, GPA: 3.5/4.0

WORK EXPERIENCE

Data Analyst Intern | Reliance Jio | *Mumbai, MH.* (Jul'23 – Sept'23)
• Performed EDA on large datasets using Python and SQL, uncovering valuable insights for strategic decision-making.
• Created interactive data visualizations and dashboards in Tableau, simplifying complex findings for stakeholders.
• Collaborated on data cleaning and preprocessing, supporting the implementation of predictive models.

Database Design Intern | VNT | *Mumbai, MH.* (Sept'20 – Jan'21)
• Gathered user requirements, and built and maintained code for the tool, saving employees 14 monthly hours in labor collaborated with 3 interns and senior developer to brainstorm and implement ideas and feedback into app's development.
• Participated in data modeling discussions and contributed to creating Entity-Relationship (ER) diagrams, ensuring accurate representation of data entities and relationships.
• Collaborated with software developers to implement and maintain SQL queries, triggers, and stored procedures to enhance database performance and data integrity. Selected as the top performing intern by the technology team.

PROJECTS

Trick or Shoot (Unity Game Development Project) | Course Project (Sept'22 – Dec'22)
• Using Unity Game engine designed a 2D top-down shooter game. (C#, Photon Pun).
• Used design patterns like Singleton for score counter and Flyweight for enemy spawn.
• Improved game stability by 20%, decreased load time by 40% and optimized frame rate of the game by 30%.

E-Commerce Website (Full-Stack Project) | Personal Project (Jun'22 – Aug'22)
• Used the popular MERN Stack (MongoDB, Express.js, React, Node.js) frameworks to develop a simple e-commerce website.
• Features including ordering system, payment portal, No-SQL database, securing user credentials.
• Deployed the Web-Application on AWS Cloud by designing a cloud architecture suitable for the website.

Augmented Reality based Food Menu Application | Academic Project (Oct'21 – May'22)
• Designed a Food Menu Application with a feature of Augmented Reality to showcase dishes in 3D(Unity, C#).
• It also consisted of an ordering system(JS) linked to a structured database in the backend(MySQL).
• Reduced time of food ordering process by 25% & improved user behavior metrics via monitoring usage & feedback from customers.

Football Players Data Analysis (Data Analysis Project) | Personal Project (Nov'21 – Dec'21)
• Used a vast dataset of premier league football players provided online.
• Used this data to analyze average goals/assists scored by a player each season, injury prone players, areas of improvement for each team.
• Identified and compared patterns between teams that included top contenders and those who faced relegation by building a linear regression model with a training accuracy of 95%.

Student Mark Prediction (Machine Learning Project) | Course Project (Oct'20 – Nov'20)
• Engage with various Python libraries like Pandas, TensorFlow, Math, Matplotlib, NumPy.
• Used a small dataset of the university to predict student marks based on 2 variables. Used a Linear Regression Model to devise an algorithm for the prediction.
• Accurately predicted student marks for the given dataset with 85% accuracy.

SKILLS

Programming Languages: Java, Python, SQL, JavaScript, HTML, CSS, React-Native, C++.
Software Framework: Flask, Restful API, .NET Core, Bootstrap, React JS, React Native, Express (Node.js), jQuery.
Deployment: Windows Server, Linux, Azure, AWS, Docker.
Data: Microsoft SQL Server, Tableau, Power-Bi, Mongo-DB.