Abhijeet Thube

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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, interpersonal skills, and leadership. Excellent practical knowledge of Python, Java, Java-script (Node.js, React.js) & 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

Frontend Developer Intern | Admirian | *Remote* (Aug'23 – Current)
• Part of a two-person startup team crafting web pages for the company's upcoming website, serving both users and brands.
• Designed User Profile, Edit Profile, and Image Upload pages with seamless RESTful API integration.
• Utilized React.js, ANT-Designs, and Styled-components for page development.

Data Analyst Intern | Reliance Jio | *Mumbai, India.* (Jul'23 – Sept'23)
• Conducted Exploratory Data Analysis (EDA) on extensive datasets using Python and SQL to reveal insights crucial for strategic decision-making.
• Developed interactive data visualizations and dashboards in Tableau to simplify complex findings for stakeholders.
• Collaborated in data cleaning and preprocessing efforts, aiding the implementation of predictive models.

Database Design Intern | VNT | *Mumbai, India.* (Sept'20 – Jan'21)
• Developed and maintained an efficient tool, reducing monthly labor by 14 hours.
• Collaborated with interns and senior developers to implement innovative ideas and feedback.
• Contributed to data modeling, ensuring accurate Entity-Relationship (ER) diagrams, and optimized database performance through SQL expertise. Recognized as a 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%.

Augmented Reality based Food Menu Application | Academic Project (Oct'21 – May'22)
• Implemented a Food Menu Application with a feature of Augmented Reality to showcase dishes in 3D(Unity, C#).
• Developed an ordering system in Java linked to a structured database(MySQL) for the backend.
• Frontend would generate a ticket through POST method API's and the data of the ordered will be stored and displayed on the admin screen.

Football Result Prediction Project (Data Science Project) | Personal Project (Nov'21 – Dec'21)
• Engaged with a vast dataset of premier league football teams provided online.(Kaggle)
• Analyzed the team result, win/loss ratio, home/away form, average goals scored and conceded, win/loss streak, team form from the dataset.
• Created a new dataset with the preprocessed data and used logistic regression algorithm to predict the result of the matches with 68% accuracy.

Student Mark Prediction (Machine Learning Project) | Course Project (Oct'20 – Nov'20)
• Proficient in Python libraries including Pandas, TensorFlow, Math, Matplotlib, and NumPy
• Applied Linear Regression to predict student marks based on a university dataset with two variables.
• Achieved an 85% accuracy rate in accurately forecasting student marks for the dataset.

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.
Data-Structures: Arrays, Linked-list, Trees, Stack, Queues, Graphs.
Data: MySQL Server, Tableau, Power-Bi, Mongo-DB, Data-Processing.
Algorithms: Sorting, Searching, Graph, Dynamic Programming, Greedy.
Machine-Learning-Algorithms: Logistic/Linear Regression, SVM, Decision Trees, Random Forest, K-Nearest Neighbors (KNN).
Cloud-Platform: Microsoft Azure, Amazon Web Services.