BHIJEET SAHDEV

@ abhijeetsahdev5200@gmail.com

% jeet1912.github.io

in abhijeet-sahdev

() jeet1912

EDUCATION

B.Tech in Computer Science and Engineering, Minor in Computational Mathematics

Manipal Academy of Higher Education

m Jun 2017 - Aug 2021

CGPA: 7.78/10

♀ Udupi, India

Class XII in TSBIE,

Maths, Physics and Chemistry Stream

FIITJEE Junior College

Per: 94.6%

♦ Hyderabad, India

Class X in CBSE,

Activities: Student Council

Delhi Public School

₩ Mar 2015

CGPA: 10/10

Secunderabad, India

EXPERIENCE

Software Engineering Intern

m Dec 2020 - Jun 2021

MyHealthToday

Project Report

♀ Remote

- Worked under the guidance of CTO alongside CEO and CPO to build a health management system for senior citizens.
- Developed a cross-platform front-end using React for web browsers and React Native for mobile app to ensure responsiveness across devices.
- Developed test suites to ensure that the application adhered to the design and was supported on target customer devices.
- Implemented code refactoring and design patterns such as adapter, state and observer using React-Redux to create a single source of truth while developing the mobile app.
- Standardized formats of records in DynamoDB table using a script, preventing run-time errors in the future.
- Developed microservices using serverless AWS Lambda functions to create a scalable backend for the mobile and Alexa application.
- Designed, coded and deployed RESTful APIs using SAM CLI and AWS CI/CD tools, reducing resource creation time at client side by 16%.

Application Developer Intern

Dystopia

Code Repo Remote

- Collaborated with a team of developers, designers at a local animal welfare non profit on a pet adoption app from scratch following Layered Architecture.
- Developed clean UI following the designs using standard Flutter widgets and packages from pub.dev.
- Implemented user authentication and SSO using Firebase, reflecting state changes using Provider.
- Prototyped a chat section using Cloud Firestore to connect users on the application.

CERTIFICATES

- Data Scientist Career Track on Datacamp.
- 'Intro to ChatGPT' on DataCamp.
- 'Intro to BCT and Applications' by UCL on FutureLearn.
- Deep Learning Specialisation on Coursera (avg score 96.77%).
- 'Flutter and Firebase' by Andrea Bizzotto on Udemy.
- 'Matrix Analysis and its Applications to Game Theory' by CARAMS.

COURSEWORK

- Data Structures and Algorithms, Database Systems, Software Engineering, Computer Networks and MATLAB.
- Time Series Analysis, Stochastic Processes, Computational Linear Algebra and Design of Experiments.
- Essentials of Management, Engineering Economics, and Business Intelligence.

PROJECTS

Open Source Contribution

React Native

Pull Request

• Introduced a boolean parameter to display #selected items in 'react-native-multiple-select' by toystars. [500+ stars, 450k+ downloads]

Verzeo ML Program

Jupyter Notebook

Code Repo

₩ Aug 2020

- Performed data wrangling and exploratory data analysis before making any predictions.
- Classified wine quality (bad or good) using KNN classifier (k = 13) with an accuracy of 87.97
- Modelled Covid-19 cases in India (|dataset| > 30k) using Random Forest Regressor with an R2 score of 0.99.

Covid-19 Dashboard

Flutter

Code Repo

₩ Jul 2020

• Shows global Covid-19 details using REST protocol to fetch data from a Firebase App, with offline functionality using shared preferences and error handling services.

SKILLS

Javascript, Python, C++, Dart and MATLAB

ScikitLearn React, React-Native and Flutter

AWS, Git and Trello

EXTRACURRICULARS

- Social Media Head at Mudra, affiliated to MIT, MAHE, responsible for overseeing content and networking with other student clubs.
- Won the second season of MIT Sports Club Cricket League with Team Hurricanes.
- Stood third in University Esports Fifa event.

INTERESTS

• Meditation, Cycling and non-fiction books.