DEVANSH WALEACHA

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EDUCATION

UNIVERSITY OF PITTSBURGH — Pittsburgh, PA
BS in Computer Science — Expected May 2026
Cumulative GPA: 3.8 Dean's List 2023
Relevant Coursework: Data structures and algorithms, Systems and architecture, Discrete math, Assembly language, Intermediate programming, Calculus-2, Statistics, Web applications, Database management, Linear Algebra

WORK EXPERIENCE

Web Development Intern — Remote
Oil and Natural Gas Corporation — May 2023 – July 2023
- Designed and implemented an intranet website for a state agency serving a user base of 100+ employees with a visually appealing frontend using HTML, CSS, and JavaScript.
- Integrated backend functionalities using Node.js and MongoDB for efficient data management for the website.
- Collaborated with a diverse team, conducted comprehensive testing, and provided valuable feedback to optimize website performance and user experience. Proposed innovative solutions for user interface enhancements and optimizing website responsiveness.

IT Lab Consultant — Pittsburgh, PA
University of Pittsburgh — March 2023 – May 2023
- Ensured the quality and functionality of every Student Computing Lab throughout the campus.
- Monitored over 50 student-usable printers across the campus, fixing any issues that occur.
- Provided technical and customer support to individuals using the Student Computing Labs.
- Collaborated with the university's IT team to implement effective solutions, enhancing the overall functionality of the printing infrastructure.

PROJECTS

REAL TIME CHAT APPLICATION (React, Node.js, MongoDB, Tailwind CSS)

Developed full-stack communication platform, enabling real-time messaging and seamless interactions between users. The application offers a user-friendly interface, instant message delivery, and mobile responsiveness for efficient communication and collaboration.

BITCOIN PRICE PREDICTOR (Python, Pandas, NumPy, Support Vector Regression)

Implemented a program for Bitcoin price prediction, utilizing historical data and Support Vector Regression (SVR) with radial basis function. The program forecasts Bitcoin prices for the next 30 days, aiding in financial analysis and decision-making.

ANDROID WEATHER APP (Android, Java)

Engineered a weather Android app that integrated various libraries (Retrofit, Picasso, Gson) to provide real-time weather data and forecasts, with accurate location-based information retrieval for an optimized user experience.

ADDITIONAL

Technical skills -

Programming languages: Java, Python, C++, JavaScript

Web development: React.js, Node.js, Tailwind, PHP, Firebase

Database Management: SQL, MongoDB

Clubs and Organizations: Minority association in Computing, Pitt CS club, Pitt Asian Student Alliance

Certifications: Web Development Bootcamp (Udemy), Android App Development with Android Studio Bootcamp (Udemy)

Python for Data Science and Machine Learning (Coursera), Object oriented Programming in Java (Udemy)