ADIT SHAH

Richardson, TX

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Education

Master of Science in Computer Science   May 2023
University of Texas at Dallas, Richardson, TX

Bachelor of Technology in Information Technology   May 2020
Indus University, Ahmedabad, India

Skills

Languages: C++, Java, Python, HTML, CSS, JavaScript, TypeScript, SQL, NoSQL

Frameworks & Libraries: React, Redux, Vue, Angular, Node.js, Jest, Express, REST, Pandas, Numpy, Matplotlib, sklearn

Platforms: Linux, Windows, Heroku, Firebase

Softwares**:** VS Code, IntelliJ IDEA, Google Docs, Microsoft Office

Databases: PostgreSQL, MongoDB, Redis

Version control: Git, GitHub

Work Experience

Student Assistant - Software developer, University of Texas Dallas, Richardson, TX   Oct 2021 - Present
- Build regular expressions for extracting textual tokens from different sets of pdfs.
- Code custom scripts in Java for JSON data preparation.
- Develop modern components in the web application using Angular with the test-driven approach.

Software Engineer, Senpiper Technologies, Gurugram, India   Jun 2020 - Aug 2021
- Developed an in-house web notification mechanism with the help of Service Worker and Web Socket, which served more than 150,000 users in real-time.
- Incorporated best development practices, collaborated with a group of engineers to re-architect the front-end code, which improved the app performance by 50%.
- Independently built a custom form builder module with a fluid drag and drop user interface which increased the company's revenue by 10%.
- Participated in code review with a team of 6 engineers and wrote automated test cases for all the new features, boosting the app efficiency by 70%.

Projects

Spam email classification app Visit   Dec 2021
- Incorporated Multinomial Naive Bayes algorithm to classify spam and ham emails with 96.4% accuracy.
- Developed and deployed a custom ML model on Heroku cloud. Built using Python, sklearn, streamlit.

Hashync: Password manager app Visit   Feb 2021
- Developed a custom hashing mechanism that uses a secret phrase for saving and retrieving all your passwords.
- Used Blowfish & PBKDF2 algorithms for encryption, ensuring that the original password never leaves the device. Built using React Native, Node.js, MongoDB.

Dineat: Voice assisted restaurant reservation system Visit   May 2020
- Provided voice assistance within the browser for table reservation form fill-up and for searching the restaurants based on several tags like cuisine, name, location, etc.
- Developed an automated QR check-in system to reduce human contact while verifying the table booking at the restaurant. Built using Vue.js, Node.js, PostgreSQL.

Achievements

Winner - C programming test held in collaboration with IIT Bombay, Indus University   2018

Recipient - State government scholarship, Indus University   2016 - 2020