Akash Mishra

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Summary

Self-motivated university student with 1 year of experience as a web with the ability to overcome and articulate various technical challenges. Additionally, accumulated over 1 year of experience in object-oriented design, algorithms, data structures and JavaScript frameworks such as React and Node.

Skills

Confident In   C++, Data Structures, Algorithms, React, Node, MongoDB, Git, RDBMS (SQL), Time and Space Complexity Analysis.

Familiar With   React Testing Library, Jest, Docker, Python, Distributed systems.

Soft Skills   Time Management, Teamwork, Problem-solving.

Work Experience

Parul University - ICMR   *Gujarat, India*
Web Developer   *July 2022 - Apr 2023*

- Developed an Flask based API that allows the machine learning model to be accessed through the web.
- Developed an React based front-end application, for seamless user experience.
- Implemented a Refresh Token Rotation method in Node JS for managing user session and authentication.
- Integrated a map using React Leaflet that displays relevant data from JSON files.
- **Technical Skills:** Python, Git, Flask, MERN stack.

Projects

Windows 10 Chrome   *Link*
React Application that gives Windows 10 experience on any browser.   *May 2022 - July 2022*

- Implemented a service worker to enable offline support and optimize loading time, leading to a faster and more seamless user experience.
- Implemented Redux so that state of application remained consistent and predictable.
- Developed an robust authentication system using Node and MongoDB Atlas that incorporates email and phone verification.

Ultrachat   *Link*
MERN stack web application with Stream for real-time text communication and media sharing. *Feb 2022*

- Integrated SendGrid and Twilio to improve user authentication system.
- Utilized Stream to implement media download and upload features in order to enhance the user experience.

Pokemon Adventures   *Link*
Built an open-world 2D Pokemon game that runs entirely within a web browser.   *Mar 2022*

- Designed a game map using Tiled editor and free resources from community.
- Implemented OOP concepts and HTML canvas for various game elements.

Achievements

Leetcode   **Max Rating of 1804,** Globally in top 8% with rank of 31K among 350k+ programmers.   *Profile Link*

LeetCode   **Global rank of 1306,** in biweekly contest 102, among 18000+ participants.   *Profile Link*

LeetCode   **Solved over 1000 Problems,** while maintaining consistency of 300+ days.   *Profile Link*

GFG   **Rank 2 in Parul university,** for overall coding score of more than 1000.   *Profile Link*

Education

Parul University   *CGPA (till 5th Sem) - 8.47*
B.Tech in Computer Science and Engineering   *Sept 2020 - Apr 2024*

Rich Harvest Public School   *Boards - 77%*
Class 12th   *New Delhi*

Rich Harvest Public School   *Boards - 84.2%*
Class 10th   *New Delhi*