

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 1846**, Globally in top 6% with rank of 27K among 350k+ programmers.

[Profile Link](#)

LeetCode **Global rank of 1048**, in biweekly contest 118, among 18000+ participants.

[Profile Link](#)

LeetCode **Solved over 1000 Problems**, while maintaining consistency of 500+ 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