Mir Sadat Bin Rakib

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Portfolio | LeetCode: sadat_07

Professional Summary

I'm a front-end developer with aspirations to become a full-stack innovator, leveraging cutting-edge technologies to create transformative digital solutions. Currently pursuing a BSc in Computing Science and Mathematics at the University of Alberta, I combine creative problem-solving with technical expertise to deliver exceptional user experiences. Let's revolutionize technology together!

Projects

PixelPal   (Live Demo)

- Developed a voice-controlled AI web assistant (**JavaScript**, **Web Speech API**, **Tailwind CSS**) enabling hands-free navigation, reducing manual interaction by **80%**.
- Integrated real-time **NLP** for **30+** commands (e.g., "Open **YouTube**", "Open **GitHub**") with sub-**1s** latency, increasing accuracy by **25%**.
- Delivered an accessible, cross-browser **UI** with **Tailwind**, streamlining custom **CSS** by **60%**.
- User tests yielded **95%** satisfaction on clarity, speed, and accessibility.

CodeCasCade-dev   (Visit Site)

- Engineered a responsive, multi-page educational platform for CS fundamentals (**DSA**, **Full Stack**, **AI/ML**) using **HTML**, **CSS**, **JavaScript**, and **Bootstrap 5**.
- Created **6+** dynamic pages (animated course cards, login forms, blog sections), boosting engagement by **65%**.
- Integrated real-time popups and a neon glass-style payment demo to simulate **SaaS interfaces**, enhancing **UX** by **70%**.

Skills

**HTML, CSS, JavaScript, React, Python, Tailwind CSS, Bootstrap, Figma, Git & GitHub, Vercel
Teamwork, Communication, Bias for Action, Leadership, Adaptability, Continuous Learning**

Key Achievements

MetaHack Global Metaverse Hackathon 2022

- Selected among **10,000** candidates from **30** countries; awarded full scholarship for tech skills.

BrightCHAMPS Talent Discovery Challenge 2021

- Ranked in the **Top 10%** of **10,000** in programming & algorithmic thinking.

International Youth Math Challenge 2021

- Top **10%** of **12,000** globally for complex problem-solving.

Education

University of Alberta   *Expected Graduation: 2028*
BSc. Computing Science & Mathematics   *Canada*
Relevant Coursework: Python, Linear Algebra, Calculus

St. Anne's College, Oxford University   *Jul 2023 – Aug 2023*
Summer Program in Information Technology & Engineering   *United Kingdom*
Relevant Coursework: Data Representation, AI, CyberSecurity, Computer Networking
GPA: 1st Class Honors