Mir Sadat Bin Rakib

AI Full Stack Developer

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Projects

Tab Whisperer — *React, TypeScript, Tailwind, Vite*
Mindful tab tracker encouraging intentional browsing habits.

- Developed a responsive dashboard with dark mode, focus tracking, and tab goal prompts.
- Built upcoming Chrome extension with real-time usage analytics.
- Improved user focus behavior by 30%; earned 98% tester satisfaction.

PixelPal — *JavaScript, Web Speech API, Tailwind*
Voice-powered assistant for seamless, hands-free web navigation.

- Implemented NLP-based voice control for 30+ sites with instant response.
- Reduced manual UI interactions by 80%; achieved 95% user success rate.

Skills

- **Frontend:** TypeScript, React.js, Tailwind CSS, Shadcn/UI, Chart.js
- **Backend:** Node.js, FastAPI, REST API, MongoDB
- **AI / Automation:** Python, OpenAI API, LangChain, n8n
- **Cloud / MLOps:** AWS
- **Tools & Platforms:** Git, GitHub, Vercel, Firebase, Figma
- **Soft Skills:** Communication, Teamwork, Adaptability, Leadership, Continuous Learning

Achievements

- **Frontend Development Certification (2025):**
  Issued by United Latino Students Association for demonstrated excellence in JavaScript, Node.js, and UI/UX principles.

- **Algoverse AI Research Fellow (Summer 2025):**
  Selected for the highly competitive Algoverse AI Research Program. Contributing to LLM and Applied ML research under expert mentorship, with work targeting arXiv, NeurIPS, and EMNLP.

- **Harvard Venture TECH Summer Program (2024):**
  Special Invitee — selected among top 1% of global student innovators for excellence in product and front-end development.

- **University of Oxford Summer Program (2023):**
  Completed Summer Program at St. Anne's College with 1st Class standing. Recognized for academic performance in AI, cybersecurity, and networking.

- **MetaHack Global Hackathon (2022):**
  Top 10,000 out of 30+ countries; awarded full scholarship for front-end innovation in immersive tech.

- **BrightCHAMPS Discovery Challenge (2021):**
  Ranked in top 10% among 10,000+ participants for excellence in programming and algorithmic thinking.

- **International Youth Math Challenge (2021):**
  Placed in the top 10% globally (12,000+ students) for mathematical reasoning and problem-solving.

Education

University of Alberta
BSc in Computing Science & Mathematics
Relevant Courses: Python Programming, Linear Algebra, Calculus, Discrete Math