Sidhant Kumar

(902) 943-6901 | sd247182@dal.ca | LinkedIn | GitHub

Education

Dalhousie University   Sept 2023 – Present
Bachelor of Computer Science, CGPA – 4.09/4.3   Halifax, NS

Technical Skills

Languages: HTML, CSS, JavaScript, Java, Python, MySQL, PHP, Aseba, C, Node.js
Tools: Processing, Android Studio, IntelliJ, PyCharm, Eclipse, Jupyter Notebooks, Git, VS Code, Cursor
Frameworks: Bootstrap, JavaSwing, Pygame, Express.js, TailwindCSS

Experience

Software Developer – AI Trainer (Remote)   Nov 2024 – Mar 2025
DataAnnotation
- Reviewed AI-generated responses to ensure alignment with user request.
- Developed and tested code to enhance system functionality and user experience.
- Collaborated with cross-functional teams to improve AI performance and resolve issues.
- Maintained high standards for quality assurance in AI systems.

Projects

Peer — Collaborative Coding & Communication Platform | GitHub | Live   *Apr 2025 – Jul 2025*
React, Node.js, WebRTC, WebSockets
- Developed a real-time collaborative IDE with integrated chat/video, enabling teams to code together seamlessly.
- Optimized WebSocket sync to support 10+ concurrent users with minimal latency, ensuring a smooth remote teamwork experience.

Groki — AI Voice-Controlled Inventory Manager | GitHub | Live   *Jan 2025 – Aug 2025*
React, Node.js, Gemini API, Supabase
- Built a voice-activated inventory system with wake-word detection for true hands-free usage.
- Integrated Gemini AI to suggest recipes from pantry contents, improving meal planning efficiency for end-users.
- Secured user authentication and storage with Supabase, ensuring reliability and data protection.

Gitofy — GitHub/GitLab Companion (Android) | GitHub   *Jan 2025 – Aug 2025*
Java, Android, GitHub REST API
- Created a mobile app for on-the-go repository management, giving developers quick access to project insights.
- Implemented OAuth login + push notifications to keep users updated on tracked branches.
- Added contributor statistics and repo filtering, improving productivity for teams managing multiple projects.

Compiler Development Project | GitHub   *Sept 2024 – Dec 2024*
Python, Regular Expressions
- Designed and implemented a custom lexical analyzer and grammar-based parser in Python.
- Incorporated semantic checks to improve reliability, strengthening understanding of compiler design and language processing.

Extra Curricular

NASA Space Apps Challenge   Oct 2024
Dalhousie University, Halifax, NS
- Collaborated with a diverse team of 5 to propose innovative solutions for real-world challenges posed by NASA.
- Participated in brainstorming sessions to align technical ideas with project goals.
- Developed Python game prototype using Pygame under a 24-hour deadline.

Awards

- Dalhousie University Global Entrance Scholarship.
- Sexton Scholar.