Ayush Srihari

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TECHNICAL SKILLS

Languages: C, C++, HTML, CSS, JavaScript, Python, TypeScript, Java, Bash
Technologies & Tools: Git, Linux, React, NodeJS, Bootstrap, Tailwind, GLSL

TECHNICAL EXPERIENCE

Programming Extern | Project Manager/Frontend Dev, Coast Capital Savings　　　　　Jan 2025 – Ongoing

- Leading a team of 8 developers using Agile methodology to build an OCR-based document processing system.
- Developing an automated data extraction pipeline to streamline document handling, reduce errors, and enhance processing efficiency for mortgage applications, loans, and new account openings.
- Utilizing AWS Textract to scan, S3 with Aurora+RDS to store documents and Cognito for secure user authentication.

PROJECTS

UBC Classroom and Course Finder　　　　　Sept. 2024 – Nov. 2024
Full-stack Web Application　　　　　*React, TypeScript, NodeJS, Maps API*

- Developed a web platform to provide students with searchable information on UBC courses and room assignments.
- Leveraged Black-box and White-box testing methodologies in developing a comprehensive test suite.
- Designed and implemented a RESTful API to process and serve detailed course and room data.
- Incorporated Google Maps API for precise location mapping and navigation on campus.

Voice Buddy　　　　　Nov. 2024
HackCamp 2024 - Best Hack for Social Good　　　　　*React, JavaScript, NodeJS, Python, Whisper API*

- Created a Web application to help people with speech impairments, offering real-time practice to improve fluency by providing a visual guide for the user to follow.
- Integrated OpenAI's Whisper API to extract transcripts from YouTube videos.
- Leveraged API-generated timestamps to dynamically highlight words in sync with video playback, offering users a visual aid for speech practice.

Meet.Point　　　　　Jan. 2025
NwHacks 2025 Winner - Stream.Place Prize　　　　　*React, JavaScript, GeoJSON*

- Built a gamified event check-in platform promoting face-to-face interactions in third spaces.
- Integrated **location-based validation** using GeoJSON and TurfJS.

Full Stack Notes App　　　　　June 2024
Apple Notes Clone　　　　　*Swift, SwiftUI, MongoDB, NodeJS*

- Developed a clone of the Apple Notes app with CRUD funtionality.
- Integrated MongoDB to securely store and retrieve data from a remote server.
- Leveraged Swift and SwiftUI to deliver an intuitive user interface.

LEADERSHIP EXPERIENCE

Treasurer, UBC Keralam　　　　　May 2024 – Ongoing

- Managed the club's annual budget and ensured transparent allocation of resources to support cultural activities.
- Streamlined funding processes by collaborating with team members to track expenses and optimize financial planning.

EDUCATION

University of British Columbia　　　　　Expected graduation: Jun. 2026
B.Sc. in Computer Science　　　　　*GPA: 75/100*
Relevant Courses: Machine Architecture, Intermediate Algorithm Design, Introduction to AI, Introduction to Software Engineering.

UBC Science Co-op　　　　　science.coop@ubc.ca | 604-822-9677