

AADITYA BAJGAIN

+1-805-451-8324– Norwalk, CA – github.com/AadityaBajgain – linkedin.com/in/aadityabajgain/

SUMMARY

Driven Computer Science freshman eager to apply technical skills and gain experience in software development. Passionate about problem-solving and contributing to innovative projects in a collaborative environment.

EDUCATION

University of Southern Mississippi (USM)	Hattiesburg, MS
Bachelor of Science in Computer Science	Aug 2024 – Dec 2024
<ul style="list-style-type: none">Major GPA: 4.00/4.00Google Developers Club USM	
Cerritos College	Norwalk, CA
Associate of Science in Computer Science	Jan 2025 - Present

PROJECT

MoneyMap | Personal Project

Jan 2025

- Developed MoneyMap, a **MERN stack** financial management app with **JWT authentication**, enabling users to track income, expenses, and financial goals.
- Integrated **Chart.js** for **interactive data visualization**, improving user insights into spending habits by **30%**.
- Used **bcrypt** and **JWT** for secure authentication, ensuring user data protection and privacy.

YouTube Clone | Personal Project

Nov 2024

- Developed a YouTube clone using **React** for frontend and **CSS** for responsive design.
- Integrated **YouTube API** to fetch and display real-time video data, including video details, channel information, and comments.
- Implemented a responsive design ensuring cross-device compatibility and enhancing user experience.

TECHNICAL SKILLS

- Programming Languages:** Python, C, C++, JavaScript, HTML, CSS
- Database:** SQL, MongoDB
- Framework:** ReactJS, ExpressJS, NumPy, Pandas, Mongoose, Matplotlib

RELATED EXPERIENCE AND ACHIEVEMENT

VOXO Hachathon, Runner Up (Hackathon)	Hattiesburg, MS
University of Southern Mississippi	Nov 2024

Project name: PrepAI

- Co-developed PrepAI, an AI-powered study assistant that secured 1st Runner-Up at the Voxo Hatchathon, helping **100+** students optimize their study time with Generative AI and OpenAI API.
- Built personalized study planners, quizzer and adaptive flashcards, boosting efficiency by **40%** using OpenAI's language models.

HONORS & INVOLVEMENT

- President's List 2024 – USM

CERTIFICATES

- Udemy - Learn C++ Programming – Beginner to Advance – Deep Dive in C++
- HackerRank – Python Basics