

SEHAJ NAANGAL

Motivated third year software engineering student with strong communication, problem-solving, and interpersonal skills. Excels at web application development, database management, and iOS development, with a strong background in data structures and algorithms.

sehajnaangal@gmail.com | sehajnaangal.vercel.app | linkedin.com/in/sehajnaangal | github.com/sehaj1408

EXPERIENCE

Team Lead - Western Developers Society

SEP 2022 - PRESENT

- Led a team of 10 developers to design and develop the club hackathon website through effective communication, problem-solving, and project management skills.
- Facilitated weekly team meetings, resulting in a significant reduction in errors and increase in productivity.
- Efficiently delegated tasks among team members, resulting in a significant increase in developer satisfaction.
- Provided effective guidance on issues with React, Figma design, Github repo, and more.

PROJECTS

Music Web App

NOV 2022

- Developed a full-stack web application in a team of 3 that allows users to interact with the Free Music Archive.
- Implemented 10 REST APIs using Node.js and Express to gather music metadata from 4 large csv files.
- Utilized Firebase Realtime Database to track login details and user-created playlists in JSON format.
- Applied coding standards and input sanitization, resulting in safe and maintainable code, reducing bugs by 15%.
- Gained experience with cloud computing by using AWS to deploy the site and Nginx to serve files.
- Merged pull requests, created individual branch and gained experience with Git commands.

Manufacturing Database Project

SEP 2022

- Collaborated in a team of 5 to design and build a MySQL database for managing a manufacturing system.
- Implemented 3 procedures and 7 queries to load and manage data from tables.
- Applied agile methodology to identify and resolve bottlenecks, resulting in improved project management.

Personal Website

FEB 2023 - PRESENT

- Developed a personal website using ReactJS, showcasing my skills and experiences in web development.
- Utilized HTML, CSS, and JavaScript to design a visually appealing and responsive website, resulting in improved user experience.
- Implemented dynamic components and state management using React hooks.
- Maintained website using Git version control and continuously made improvements based on feedback.

EDUCATION

B.E.Sc in Software Engineering | University of Western Ontario - London, ON

SEP 2020 - APR 2024

- University Clubs: Team Lead at Western Developers Society
- Relevant courses: Web technologies, Scripting Language Fundamentals, Algorithms and Data structures, Software Requirements and Analysis, Database Management Systems

SKILLS

- Javascript, Swift, SQL, ReactJS, Git, Node.js, Express.js, REST API, AWS, Problem-solving, Communication, Teamwork