SIDDHARTH NAIR

(705) 256-9662   nairsid2@gmail.com   linkedin.com/in/siddharth-nair2   github.com/siddharth-nair-2

Education

Algoma University   **September 2019 – May 2023**
Bachelor of Computer Science (Honours)   *Sault Ste. Marie, ON*
- GPA: 3.9/4. Graduated with Cum Laude.
- **Relevant Coursework**: Data Structures, Operating Systems, Computer Networks, Database Management, Artificial Intelligence, Distributed Systems, Algorithms Analysis, Software Engineering & Design

Experience

Freelance   **August 2020 – January 2023**
UserTesting   *Sault Ste. Marie, ON*
- Conducted 175+ usability testing sessions for digital products, analyzing design and user experience aspects to provide clients with valuable insights.
- Utilized various tools and techniques to capture real-time user interactions via video and audio recordings, enabling clients to gain firsthand understanding of user behavior.
- Delivered comprehensive feedback to clients on usability issues and improvements, contributing to the success of their digital products, with over 20 5-star reviews.

Web Developer Intern   **May 2022 – August 2022**
FlowUp   *Ahmedabad, India*
- Successfully managed the migration of a legacy PHP codebase to React and Node.js, resulting in improved performance and optimization, working in an AGILE environment. This boosted agent satisfaction by 43%.
- Developed and deployed a full-stack web application utilizing React, Node.js, and MySQL, enabling users to seamlessly manage separate wallets for each cryptocurrency.
- Designed and implemented a sleek, modern UI for the agent dashboard using Tailwind and Material UI, streamlining agent experience and enhancing product quality.

Graphic Designer   **March 2017 – May 2017**
National Youth Summit   *Ahmedabad, India*
- Managed and directed the graphics division for the National Youth Summit event, leading a team of 4.
- Successfully designed over 700 high-quality graphics to tight timelines whilst continually refining designs based on feedback from the organizer.
- Achieved a 39% increase in social media engagement as a result of the impactful and effective graphics produced.

Projects

AutoGrader | *Java, React, MongoDB, Spring Boot, Google Cloud*   **April 2023**
- Created an innovative AutoGrading application that streamlines the assignment submission process for students, while providing instructors with a powerful tool for tracking assignments and submissions.
- Leveraged the Judge0 compiler, ensuring lightning-fast compile times and optimal performance for students, while providing support for 4 different languages.
- Adopted the AntlrV4 parser and Spring Boot to detect plagiarism in new submissions, comparing to existing submissions and generating IDF-Cosine Similarity reports for instructors.

Arena | *React, Node.js, MongoDB, Socket.io, Axios, Heroku*   **September 2022**
- Collaborated with a team of 3 students to develop a cutting-edge chat application using React and Express.js, delivering a seamless user experience and real-time chat functionality.
- Created and implemented a robust login/signup system that enables users to register and log in to chat accounts, while ensuring secure and reliable storage of user data in a MongoDB database.
- Utilized socket.io to create an advanced server-sided chat feature that allows users to send and receive messages in real-time, with added capabilities such as picture sharing and group chats with 10+ people.

Technical Skills

Languages: Java, Python, TypeScript, JavaScript, C#, NoSQL, SQL, HTML5, CSS3
Frameworks: React, Node, Next.js, Django, Xamarin, Angular, Express, MSSQL, MySQL, MongoDB, Firebase, Prisma, Jest, Redux Toolkit, Spring Boot, Spring Data JPA, Hibernate
Tools & Methodologies: Git, GitHub Actions, Docker, Maven, Linux, Postman, AWS EC2, Elastic Beanstalk, Jira, Agile, Scrum, RESTful APIs, Microservices