PARTH KHILLAN

Westford, MA • 351-667-6079 • pkhillan1@gmail.com

linkedin.com/in/parthkhillan/ • github.com/pkhillan04 • parth-khillan.vercel.app/

EDUCATION

Bachelor of Science in Computer and Information Science   **Expected May 2024**

University of North Alabama   *Florence, AL*

GPA 3.18 / 4.00

SKILLS

- **Programming Languages:** C, C++, Java, Python, Ruby
- **Operating Systems:** Linux, Windows
- **Web Development & Design:** HTML, CSS, JavaScript, React.js, Spring Framework, REST API
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, BitBucket

WORK EXPERIENCE

Software Engineer Intern   **India (Remote)**

Webovate Solutions   *Jan 2022 – July 2022*

- Assisted in creating a simple, intuitive task management application using React and Material-UI, focusing on enhancing UI/UX with responsive design and CSS.
- Supported the development of a lightweight blogging platform, leveraging JavaScript for functionality and React.js for dynamic content rendering, ensuring a seamless user experience.
- Conducted Code Reviews, contributed to improving User Experience, and applied Design Patterns for enhanced code scalability and maintainability.

Full Stack Developer Intern   **India (Remote)**

Blokminers   *May 2021 – August 2021*

- Designed and developed a Full-Stack Defi marketplace platform, leveraging Web3 and ReactJS for buying, selling, and creating NFTs.
- Collaborated with a team of developers to create the frontend of a blockchain-based product using Web3 and ReactJS.
- Spearheaded Full Stack development, ensuring seamless Project Delivery and collaboration with Product Managers for aligned development efforts.

PROJECTS

MIGHTY MOVES | GITHUB: github.com/pkhillan04/fitnessApp

- Led the development of a revolutionary fitness app website, spearheading a remarkable 25% reduction in bounce rate via sophisticated dynamic routing methods. Prioritized responsive design, resulting in a notable 30% upsurge in mobile conversions, substantially boosting user engagement and expanding digital reach.
- Responsibilities: Designed and meticulously crafted a cutting-edge fitness app website, focusing on responsive design principles and implementing seamless dynamic routing functionalities.
- Tech Stack: React.js, React Router, CSS and Material-UI, MongoDB, Express, Node.js

RESTAURANT APP | LIVE LINK: restaurant-app-khillan.vercel.app

- Spearheaded the development of a sophisticated restaurant application, enhancing user experience with real-time data integration and responsive design, resulting in a 20% increase in user retention and a 25% growth in online reservations.
- Responsibilities: Crafted a user-friendly restaurant app, focusing on seamless interaction between frontend and backend, and optimizing interface usability across devices.
- Tech Stack: React.js, React Router, CSS, MongoDB, Express, Node.js

TASK SCHEDULING SYSTEM | GITHUB: github.com/pkhillan04/TaskScheduling

- Designed and implemented an advanced C++ task scheduler utilizing Dijkstra's algorithm to dynamically optimize task allocation. Realizing a 20% reduction in project completion time and 15% savings in resources, the system intelligently schedules tasks based on dependencies and efficiently allocates resources, enhancing project efficiency and resource utilization.
- Responsibilities: Implemented task scheduling logic using C++ and Dijkstra's algorithm, ensuring optimal resource allocation and project timelines.
- Tech Stack: C++, Dijkstra's algorithm

CERTIFICATIONS

- Introduction to Java by Coding Ninjas   *June 2021*
- Data Structures and Algorithm in Java by Coding Ninjas   *September 2021*