

# Hamza Hassan

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hamzahassanirshad.github.io/

Software engineering undergraduate with one year of experience in React front-end development. Skilled in problem-solving and team collaboration. Committed to continuous learning and developing innovative solutions that positively impact organizations. Open to constructive feedback and dedicated to improving skills and abilities.

## Professional Experience

**Niftron (Pvt) Ltd, Software Engineering Intern** 2021 Jul – 2022 Jul | Dehiwala, Sri Lanka

- **GameR:** Decentralized gaming app leveraging blockchain features like NFT minting and decentralized identification
  - Developed new screens and UI enhancements resulting in improved user engagement and a modern UI (Apr-Jul 2022)
  - Technologies and tools used: *ReactJS*
- **DePro (Decentralized Profile):** Build Instant Organic Trust
  - Worked on UI/UX and app development resulting in a streamlined and user-friendly experience.
  - Created instructional videos resulting in decreased user support requests (Jan-Apr 2022)
  - Technologies and tools used: *Figma, ReactJS, Redux, Adobe PremierPro*
- **Nextentry KYC:** Blockchain-based Know Your Customer app providing instant verification and trust for unknown parties
  - Worked on UI/UX, mockup designs, prototypes, app development, and API integration resulting in a more user-friendly and efficient onboarding process (Nov 2021-Mar 2022)
  - Technologies and tools used: *Figma, ReactJS, Redux, CSS*
- **Exip-UI:** Decentralized Domain Solution
  - Developed a successful proof-of-concept receiving positive feedback from stakeholders (Sep 2021)
  - Technologies and tools used: *ReactJS, Redux*

## Education

**University of Westminster, BEng. (Hons) Software Engineering - (IIT Sri Lanka)** 2020 – present | London, United Kingdom

**S. Thomas' College, GCE Advanced Level Examination (2019) - 5208718** 2011 – 2019 | Mount Lavinia, Sri Lanka  
Z-Score: 1.4080

## Projects

**Mealometer, Final Year Project (IIT)** 2022 Sep – 2023 Apr

A food image recognition and diet tracking system that uses an AI-based image processing model to allow users to track nutrition easily and promote understanding of proper nutritional needs for weight management.

- Technologies and tools used: *Python, OpenCV, Matlab, ReactJS, Flask, MongoDB*

**News Seeker, Software Development Group Project (IIT)** 2020 Sep – 2021 Apr

Collaborated on building a system with the use of natural language processing to identify real and fake news to allow users to know which is which when inputted into the system.

- Technologies and tools used: *React Native, Twitter API, News API, Firebase, MongoDB*

**SocialScape, Personal Project** 2023 Mar – 2023 Mar

Developed a full-stack social media application using React and MERN stack. The app allows users to upload posts, add/ remove friends, toggle between light/ dark mode, and like/ dislike posts with a sleek and modern interface.

- Technologies and tools used: *React, MongoDB, Express.js, Node.js, HTML/ CSS*

## Skills

**Programming Languages** | Java, Python, JavaScript

**Front-end Development** | HTML, CSS, ReactJS, NextJS, Redux, TailwindCSS, Figma (UI/UX design)

**Back-end Development and Databases** | NodeJS, MongoDB, Firebase

**Mobile Development** | React Native

**Version Control** | GitHub