

Hamza Hassan

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github.com/HamzaHassanIrshad

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)
- **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)
- **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)
- **Exip-UI**: Decentralized Domain Solution
 - Developed a successful proof-of-concept receiving positive feedback from stakeholders. (Sep 2021)
- **HollaEx**: Mobile Crypto Exchanger
 - Debugged and integrated API v2 of HollaEx. (Jul-Sep 2021)

Education

Informatics Institute of Technology, *Tertiary Education*

BEng. (Hons) Software Engineering

2020 – present | Colombo 06, Sri Lanka

S. Thomas' College, *Secondary Education*

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 May

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 used: Python, OpenCV, Matlab, ReactJS, Flask, MongoDB, GitHub

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 used: React Native, Twitter API, News API, Firebase, MongoDB, GitHub

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