

# Shoaib Hussain

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## EDUCATION

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### Chandigarh University

Bachelor of Engineering (B.E) in Computer Science

Mohali, Punjab

Aug. 2021 – Aug 2025(Expected)

## PROJECTS

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### ONLINE ATTENDANCE SYSTEM | Python

June 2023 – August 2023

- \* Developed a real-time face recognition system using Python, OpenCV, and face\_recognition library
- \* Integrated attendance tracking functionality, automatically recording timestamps of recognized individuals in a CSV file
- \* Implemented image preprocessing techniques to enhance facial features extraction accuracy, including color space conversion and resizing
- \* Utilized the face\_recognition library to compute facial encodings, enabling efficient face matching against a database of known faces

### Ethereum ATM & Investment Calculator | React js,Solidity,Hardhat

May 2022 – September 2022

- \* Spearheaded the development of an Ethereum ATM (ETH ATM) component, leveraging React.js and Ethereum blockchain technology to create a user-friendly interface for managing Ethereum transactions and investments
- \* Orchestrated the integration of MetaMask wallet functionality, enabling seamless connectivity for users to securely manage their Ethereum assets directly from the application
- \* Engineered a robust deposit and withdrawal system, allowing users to effortlessly deposit custom amounts of Ethereum into their accounts and withdraw funds as needed, enhancing user flexibility and convenience
- \* Implemented smart contract deployment using Hardhat, ensuring the security and reliability of Ethereum transactions within the application, and facilitating a seamless user experience for executing transactions on the Ethereum blockchain.

### CurrencyXchange:Real-time Currency Converter App | React js,Html/Css

May 2021 – June 2021

- \* Conceptualized and developed a dynamic currency converter application using React.js, providing users with a seamless and intuitive platform for converting currencies in real-time.
- \* Integrated reliable and up-to-date currency exchange rate data from reputable sources, enabling accurate and efficient currency conversions for users worldwide.
- \* Employed external APIs or libraries, such as Axios for HTTP requests or currency conversion APIs, to streamline data retrieval and enhance application functionality, demonstrating proficiency in utilizing external resources to extend application capabilities.

## ACHIEVEMENTS

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**Hackathon:** Led the winning team in MLH (Major League Hacking) sponsored hackathon HackVSIT 4.0

**Technical Quiz:** First Position in University Level Tech Quiz Competition

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Material-UI, FastAPI

**Developer Tools:** Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

## CERTIFICATIONS

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Front-End Web Development with React by Coursera

Blockchain Technology using Ethereum and Polygon by Metacrafters