

# Hassam Ali

+92-3154604802 | [ali.hassam1@outlook.com](mailto:ali.hassam1@outlook.com) | [linkedin.com/in/hassam-ali-14681618a](https://linkedin.com/in/hassam-ali-14681618a) | [github.com/hassam-01](https://github.com/hassam-01)

React | Node.js | TypeScript | SQL Database | Express.js

## EXPERIENCE

### OneScreen Solutions

Full-time Software Developer Intern

Islamabad, Pakistan

Feb. 2025 – Present

## EDUCATION

### National University of Sciences and Technology

Bachelor of Computer Science

Islamabad, Pakistan

Sept. 2023 – June 2027

## PROJECTS

### Stock Signal Prediction | Python, FastApi, React, PostgreSQL, Node.js, Express.js

Nov 2024 – Dec 2024

- A web application that takes a company name and predicts the stock signal for a given day based on statistical data.
- Implemented PostgreSQL database using Supabase.
- FastApi to handle prediction model and Node.js server to handle user data such as transactions, assets and database
- Utilized Fuzzy Logic, Markov Decision Process, Constraint Satisfactory Problems for signal prediction
- Link: [stock-bot-web-client.vercel.app](https://stock-bot-web-client.vercel.app)

### Note Keeping App | JavaScript, React, Express, Node.js, PostgreSQL

June 2024

- Developed a note-keeping app allowing users to create, edit, and draw notes, and save them.
- Integrated live instant meeting scheduler using Zego Cloud.
- Implemented user authentication for secure access.

### IoT Device Management | JavaScript, React, PostgreSQL, Node.js, Express

Dec 2024

- Created a web application demonstrating the functionality of IoT devices in a home automation system.
- Built a subsystem for constantly reading sensor data and generating alerts based on optimal values.
- Implemented user authentication for secure device management.
- Link: [iot-devices-dashboard.vercel.app](https://iot-devices-dashboard.vercel.app)

### Chess Mate | Java, Object-Oriented Programming

May 2024 - June 2024

- Developed a chess game to play against the computer, using number-based evaluation for move decisions.
- Implemented move predictions up to two steps ahead without any AI models.
- Link: [github.com/Hassam-01/ChessGame](https://github.com/Hassam-01/ChessGame)

### Portfolio Design | React.js, TailwindCSS, Wavy, Email Contact Service

July 2024

- Designed and developed a digital web portfolio for a university student.
- Utilized Wavy animations and TailwindCSS for an engaging UI/UX experience.
- Integrated an email contact service for communication.
- Link: [muhammadabdullahwaqar.vercel.app](https://muhammadabdullahwaqar.vercel.app)

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres, MySQL), JavaScript, TypeScript, HTML/CSS

**Frameworks:** React, Node.js, Express.js, FastAPI

**Developer Tools:** Git, VS Code, PyCharm, IntelliJ, Eclipse

## HONORS AND AWARDS

**HEC Top 100 Scholarship for Gilgit-Baltistan:** Nominated for the merit-based scholarship, 2023-2027.

**NUST High Achiever:** Received a cash prize for scoring a high GPA in the first semester.

**Thammasat Business School Type-A Scholarship:** Awarded a full tuition fee waiver and an 8,000 Baht stipend for undergraduate studies.