

# Shayan Adnan Hasan

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## Education

### DHA Suffa University

Bachelor of Science in Software Engineering (Oct 2022 - July 2026)

Karachi, Pakistan

3.93 CGPA

#### • Relevant Coursework:

- \* Programming Fundamentals (C)
- \* Object Oriented Programming (Java)
- \* Data Structures and Algorithms (Java)
- \* Database Systems (MySQL)
- \* Software Construction and Development (Node JS, Express JS)

## Projects

### \* OpenHands- Work In Progress | Node JS, Express JS, MySQL, HTML, CSS

- \* An online fundraiser platform inspired by GoFundMe. The platform allows people in need to create fundraisers, which must first go through an approval process before being listed on the website.
- \* I am responsible for creating the entire backend using Node JS and Express JS. I am also assisting in polishing the frontend, which is being made using Bootstrap.
- \* Implemented a fully-fledged authentication system using JWT, stored account information in a MySQL DB with proper encryption.
- \* Implemented an "upload pictures and documents" feature on the platform which stores uploaded items to the server.
- \* Modularized the entire codebase using MVC architecture.
- \* Working on implementing a payment gateway using Stripe's API.

### \* CV Searcher | Java, MySQL

- \* Created a GUI-based mini ATS system that allows users to upload formatted CV documents to a database.
- \* The CV Searcher can then be used to sort through the CVs using specific parameters like name, age, location, skills, experience, and education.

### \* Examination System | Java

- \* Created a GUI-based examination system that allows teachers to create MCQ-based exams for students. The students can take the exam on the same platform, with their results being stored in local files.

## Skills

**Languages:** Urdu (native), English

**Programming Languages:** C, Java, Javascript, HTML, CSS, SQL

**Development Frameworks:** Node.js, Express.js

**Databases:** MySQL, MS SQL Server

## Experience

### Game Rant

\* Content Writer

March 2024 – Present

Toronto, Canada - Remote

- \* Currently working as a part-time Content Writer, writing list-based articles, covering a wide variety of video games.