

# Hasnain Ashraf

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## EDUCATION

### DHA Suffa University, Karachi

Karachi, Pakistan

Bachelor in Computer Science

08/2021 – 08/2025

- **GPA:** 3.01 / 4.0
- **Relevant Coursework:** Data Structures and Algorithms / Database Management Systems / Operating Systems / Computer Networks / Artificial Intelligence / Machine Learning / Software Engineering / Web Development

## WORK & LEADERSHIP EXPERIENCE

### ILink Professionals

Karachi , Pakistan

Junior Frontend Developer

03/2025 – 10/2025

- Contributed in the design and development of user-friendly front-end interfaces for POS systems, ensuring smooth integration with backend services and enhancing user interaction.
  - POS Dashboard for Retail & Restaurants:
    - Built and maintained front-end components for retail, convenience stores, and restaurant dashboards using React, Tailwind CSS, ensuring a responsive and visually appealing interface.
  - Analytics & Reporting APIs:
    - Developed and optimized front-end elements to display data visualizations, enabling users to interpret analytics in a simple, intuitive way.
  - System Optimization & Maintenance:
    - Collaborated with the team to troubleshoot and resolve front-end issues, ensuring smooth performance and responsiveness across various devices and browsers.

### QF Networks

Karachi , Pakistan

Frontend Developer

08/2022 – 11/2022

- Designed and implemented interactive, user-friendly interfaces using React.js and JavaScript, focusing on intuitive design and smooth user experiences.
- Integrated RESTful APIs to ensure seamless data communication between the front-end and back-end, optimizing user interactions and real-time updates.
- Worked with Node.js for backend integration, enhancing data processing and streamlining data flow between front-end and back-end components.
- Collaborated closely with back-end developers to troubleshoot issues, debug code, and ensure seamless deployment of both front-end and back-end updates.

## SKILLS & Certifications

**Languages:** Urdu , English, Khovar

### Technical Skills:

- **Frontend:** HTML, CSS, Bootstrap, JavaScript, React, Tailwind CSS
- **Backend:** Node.js
- **Databases:** MySQL
- **Tools:** Git, REST APIs, Postman, Swagger

### Certifications & Training:

- *Foundations of Data Science* — Google, Jun 2024
- *Foundations: Data, Data, Everywhere* — Google, Jun 2024
- *Web Designing and Development*— NAVTTC, April 2021

## PROJECTS

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### Dashboard for POS Application:

- **Frontend:** Built a fully responsive dashboard using React and Tailwind CSS, featuring interactive graphs, charts, and tables to help retail clients track sales, inventory, and store performance.

### E-commerce Website:

- Developed a full responsive e-commerce website with product listings, cart system, secure checkout, and payment integration.
- Ensured optimized performance, cross-browser support, and seamless shopping experience using HTML, CSS, JavaScript, and backend APIs.
- Implemented basic backend logic using Node.js, including API routes for managing products, handling orders, and securely processing user data to support smooth front-end interactions.

### Optimal EVs Charging Station App (Based on User Journey):

- Built a Flutter mobile application that enables users to view, locate, and navigate to optimized EV charging stations in real-time.
- Developed a Node.js + Express backend API connected with MongoDB for handling station data, user interactions, and real-time analytics.
- Implemented Python-based data processing to analyze vehicle GPS datasets and centrality metrics (via NetworkX) to determine high-demand routes.
- Integrated OpenStreetMap APIs for accurate route mapping and geospatial analysis.
- Applied Agile methodology with iterative sprints, regular testing phases, and continuous feedback cycles.
- Delivered complete project documentation, testing results, and a fully functional final product.