

# Hasnain Ashraf

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## EDUCATION

<b>DHA Suffa University, Karachi</b> Bachelor in Computer Science	<b>Karachi, Pakistan</b> 08/2021 – 08/2025
<ul style="list-style-type: none"><li>• <b>GPA:</b> 3.01 / 4.0</li><li>• <b>Relevant Coursework:</b> Data Structures and Algorithms / Database Management Systems / Operating Systems / Computer Networks / Artificial Intelligence / Machine Learning / Software Engineering / Web Development</li></ul>	

## WORK & LEADERSHIP EXPERIENCE

<b>ILink Professionals</b> <i>Junior Frontend Developer</i>	<b>Karachi , Pakistan</b> 03/2025 – 10/2025
<ul style="list-style-type: none"><li>• 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.<ul style="list-style-type: none"><li>○ POS Dashboard for Retail &amp; Restaurants:<ul style="list-style-type: none"><li>▪ Built and maintained front-end components for retail, convenience stores, and restaurant dashboards using React, Tailwind CSS, ensuring a responsive and visually appealing interface.</li></ul></li><li>○ Analytics &amp; Reporting APIs:<ul style="list-style-type: none"><li>▪ Developed and optimized front-end elements to display data visualizations, enabling users to interpret analytics in a simple, intuitive way.</li></ul></li><li>○ System Optimization &amp; Maintenance:<ul style="list-style-type: none"><li>▪ Collaborated with the team to troubleshoot and resolve front-end issues, ensuring smooth performance and responsiveness across various devices and browsers.</li></ul></li></ul></li></ul>	

<b>QF Networks</b> <i>Frontend Developer</i>	<b>Karachi , Pakistan</b> 08/2022 – 11/2022
<ul style="list-style-type: none"><li>• Designed and implemented interactive, user-friendly interfaces using React.js and JavaScript, focusing on intuitive design and smooth user experiences.</li><li>• Integrated RESTful APIs to ensure seamless data communication between the front-end and back-end, optimizing user interactions and real-time updates.</li><li>• Worked with Node.js for backend integration, enhancing data processing and streamlining data flow between front-end and back-end components.</li><li>• Collaborated closely with back-end developers to troubleshoot issues, debug code, and ensure seamless deployment of both front-end and back-end updates.</li></ul>	

## SKILLS & Certifications

**Languages:** Urdu , English, Khawar

### 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.