

Muhammad Hamza

Full stack developer

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[LINKEDIN](#) | [GITHUB](#) | [PORTFOLIO](#)

EDUCATION

VIRTUAL UNIVERSITY OF PAKISTAN
COMPUTER SCIENCE BACHELORS

April 2023 - Present
Karachi, Pakistan

EXPERIENCE

HEXALYZE CONSULTING SERVICES | SENIOR SOFTWARE ENGINEER
Present

Karachi, Pakistan | July 2020 –

Leading development of scalable web applications using React.js and Node.js. Mentoring junior developers and implementing best practices across the team.

Key Responsibilities:

- Improved application performance by 40%.
- Led migration from legacy system to modern React architecture.
- Established coding standards and best practices.
- Mentored junior developers and conducted code reviews.

SKILLS

PROGRAMMING LANGUAGES

Javascript, TypeScript

LIBRARIES/FRAMEWORKS

Next.js, Node.js, Express.js, SharePoint SPFx, Redux, Tailwind CSS, React Native, Expo, React.js

TOOLS / PLATFORMS

Git/GitHub, Socket.io, Strapi, KeystoneJS, Firebase, Figma

DATABASES

MongoDB, PostgreSQL

PROJECTS / OPEN-SOURCE

PSO (PAKISTAN STATE OIL)

SharePoint Framework (SPFx), React.js

Implemented a transformative Process Automation initiative at Pakistan State Oil (PSO), optimizing workflows and reducing manual tasks. Leveraged cutting-edge automation tools and technologies to streamline operations, enhancing efficiency and accuracy. Successfully integrated solutions with existing systems, conducted user training, and ensured compliance, leading to significant time savings and improved overall productivity.

PDMA SINDH

React.js, Strapi, React Native

Worked on the development of a project for the Provincial Disaster Management Authority (PDMA) Sindh. The platform focuses on disaster management, providing real-time updates and ensuring efficient communication during emergencies. Used React Native for mobile development, React JS for web interfaces, and Strapi as the backend, delivering a seamless experience for both desktop and mobile users.

ENHANCEMENT OF ELECTRONIC MANAGEMENT OF FACILITY CHANGE (EMOFC)

Framework (SPFx), React.js

SharePoint

SUSTAINABLE DEVELOPMENT GOALS (SDGS) PROJECT WITH UNDP

React.js, Strapi

Implemented a project in collaboration with the United Nations Development Programme (UNDP), focusing on sustainable development goals. Led initiatives to address socio-economic challenges, foster

community engagement, and promote environmental sustainability. Successfully executed programs, monitored progress, and contributed to the UNDP's mission of creating positive and lasting impacts on communities worldwide.

PDMS

React.js

PDMS is An oil and gas company database management system, which saves different records of gases as per the daily, monthly and yearly reports, some of them are calculated using the readings, and then it converts those readings into Reports for the management to make financial and production decisions

ASTRAZENE ONLINE TENDER MANAGEMENT

SharePoint Framework (SPFx), React.js

To automate the end-to-end tender and procurement process based on pharma business policies and rules.

VEZIU ONLINE EXPERIENCES PORTAL

React.js, Node.Js, Express.js, MongoDB, React Native, Socket.io

To share skills & experiences in real time. Contributors with diversified backgrounds from across the globe offer you a wide range of experiences starting from public events, special limited groups & most interestingly, exclusive 1:1 sessions with the contributor & topic of your choice

KITCHEN KONNECTION

React.js, Node.Js, Express.js, MongoDB

Home based kitchen application at your fingertips provide home cooked delicious food from over 100+ home base chefs offering daily meals, weekly meals, Cakes, Frozen Items and & more.

POINT OF SALES

React.js, Node.Js, Express.js, PostgreSQL

Customer centric customized POS which integrates with centralized ERP and E-Commerce for the management and delivery for goods.

CERTIFICATIONS

- Web And Mobile Application developer - Saylani Welfare International Trust..
- CSS (Basic) Certificate - **HACKERRANK**
- React (Basic) Certificate - **HACKERRANK**
- Frontend Developer (React) Certificate - **HACKERRANK**
- JavaScript (Intermediate) Certificate - **HACKERRANK**