Zain Ali Khan

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ABOUT ME

Experienced web developer with over 3 years of hands-on experience utilizing frameworks such as React and Node.js. Proficient in developing responsive and scalable web applications, implementing modern UI/UX designs, and integrating APIs for seamless functionality.

WORK EXPERIENCE

Master Thesis
AiRMOUR [09/2022 – 04/2023]

City: Linköping
Country: Sweden

✔ The thesis focuses on conducting a comprehensive cyber security analysis of Unmanned Aerial Vehicles (UAVs) used in Emergency Medical Services (EMS).
✔ It explores the potential vulnerabilities and risks associated with UAVs in EMS operations, emphasizing the importance of protecting critical healthcare infrastructure.
✔ The analysis includes an assessment of potential cyber threats, such as unauthorized access, data breaches, and remote hijacking, which may compromise the confidentiality, integrity, and availability of sensitive medical information and operational systems.d systems.

Software Engineer (Front End)
Meezotech [01/2020 – 04/2020]

City: Karachi
Country: Pakistan

✔ Determining the structure and design of web pages.
✔ Ensuring user experience determines design choices.
✔ Developed responsive interfaces with the involvement of client feedback.
✔ Integrate different libraries to enhance the user experience.
✔ Build a reusable code for future use.
✔ Optimizing web pages for maximum speed and scalability.

IFR Data Coder
GFK [02/2019 – 12/2019]

City: Karachi
Country: Pakistan

✔ Defining parameters for the web crawlers using in house tools to collect information from websites.
✔ Ensure continuous data collection by investigating and solving issues with the existing crawlers.
✔ Set up a web interface for the browsers plug in to detect product information n websites.
✔ Making the correlation between price offers found in the offline environment with the products in the database.
✔ Performing data checks in order to identify and correct errors.

Software Engineer Intern
EFU General Insurance Ltd. [07/2017 – 09/2017]

City: Karachi
Country: Pakistan

✔ Support the IT team in maintaining the software and helped them in the finding of runtime issues during transactions.
✔ Worked on the recruitment project for the IT department using technologies like oracle forms and reports.

EDUCATION AND TRAINING

Master's in Computer Science
Linköping University [09/2020 – 04/2023]

City: Linköping
Country: Sweden

DIGITAL SKILLS

Languages
Python / C/C++ / HTML / CSS / JavaScript

Frameworks
SASS / Bootstrap / Semantic UI / Materialize CSS / Material UI / Chakra UI / Node JS / Express JS / React JS / Next JS / Redux / Redux Toolkit

Databases
SQL Server / MongoDB / MySQL

Deplyoment
Docker / Kubernetes / CI/CD / Heroku / Git

PROJECTS

Sharingo
[04/2021 – 06/2021]

• Social media platform with photo sharing, likes, comments, and shares with access to authorized users only

Tech stack: MongoDB, Express JS, React JS, Redux, Node JS

Link: https://github.com/ZainKhan2504/Sharingo

Hustle Partner
[02/2020 – 04/2020]

• Platform for the registration of the drivers in hustle driver's family

Tech stack: HTML, CSS, JavaScript, Bootstrap

Link: https://hustlepartner.netlify.app/

Mansah
[01/2020 – 04/2020]

• Generalize EMS to manage multiple events on same time

Tech stack: Laravel, HTML, CSS, JavaScript, Bootstrap

Link: https://mansah-en.netlify.app/

Pro Recruit
[09/2017 – 05/2018]

• Web-based Human Resource Management System (Final Year Project)

Tech stack: ASP.Net, SQL Server, Python

Link: https://github.com/ZainKhan2504/ProRecruit