

ABDUL REHMAN MEMON

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[LinkedIn](#)

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Summary

As a highly motivated and dedicated MERN developer, I bring a wealth of experience and expertise to the table. With a strong foundation in Python, HTML, CSS, Java, JavaScript, C, C++, and a deep understanding of Node.js, React, Express, and Mongoose, I have successfully contributed to a range of dynamic projects. My passion for web development drives me to stay at the forefront of industry trends and continually expand my skill set. I thrive in collaborative team environments, where I can leverage my technical proficiency to create innovative solutions and deliver exceptional user experiences. My commitment to excellence and my ability to adapt to evolving technologies make me a valuable asset in delivering top-tier web applications.

Education

Bachelor of Science in Computer Science

School of Electrical Engineering and Computer Science (SEecs)

National University of Sciences & Technology (NUST), Islamabad, Pakistan

Sept. 2022 – Present

CGPA 4.00/4.00

3rd semester

FSC

1069/1100 97.01% (2nd Position in federal Board)

July. 2020 – July. 2022

Skills

Languages: C/C++, Python, Java, Javascript, HTML, CSS

Databases: MySQL, SQLite, MongoDB,

Frameworks: ExpressJS, NodeJS, ReactJS, Django, Material UI, Tailwind, Bootstrap

Tools: Git, GitHub, Postman

Relevant Courses: DSA, Database Systems, OS, OOP, Web Engineering, COAL, LA

Recent Projects

Portfolio

A front-end web app built using ReactJS. The site showcases my work, skills, and achievements and website is live at <http://portfolio-arm.netlify.app/>

Laptop Store

A full stack web app built using mern (Mongoose,Express,React,Node). My MERN-based laptop store project is a comprehensive e-commerce platform. It incorporates essential functionalities such as Stripe Checkout for secure payments, user authentication for personalized experiences, and a convenient shopping cart. Users can curate their favorite products in a dedicated list. To manage global state efficiently, the project utilizes the Context API in React. React Router ensures seamless navigation, making it a responsive and user-friendly application. Overall, this project offers a powerful foundation for an online retail business, providing an enhanced shopping experience and facilitating user engagement.

Live at <https://ar-emart-arm.netlify.app/>

Unsplash Images

A front end web app built using react js. The "Unsplash Images" React project is a user-centric application leveraging the Unsplash API, offering an extensive library of high-quality, free images for versatile project use. With its seamless integration with the Unsplash API, users can effortlessly explore and download professional images without any licensing restrictions. The intuitive user interface enhances the image selection process, making it user-friendly and accessible. These images are valuable assets for a wide range of creative projects, from web design to app development. Users can conveniently access and utilize the images they need to elevate their creative work. By prioritizing a smooth user experience, the project empowers users to quickly find and integrate the perfect visuals, streamlining the creative process and adhering to legal and ethical usage guidelines. This "Unsplash Images" React project serves as a valuable tool for developers and designers, facilitating their access to top-notch visuals and promoting creativity with ease.

Live at <https://unsplash-images-arm.netlify.app/>

Professional Experience

CodeSoft (Remote- India)

Nov 2022 – Dec 2022

Web Developer Intern at CodeSoft

- Made basic websites using html, css, javascript
- Learned about git version control

IEEE(NUST)

September 2023 – Present

Institute of Electrical and Electronics Engineers

- Executive- Web Engineering Team
- Built UI components in React.js in EdTech websites

NBPK(NUST)

September 2023 – Present

Nust Bazm e Pakistan

- Executive- Web Engineering Team
- Working with html,css , js and utilizing react js to build websites

NRC(NUST)

September 2023 – Present

Nust Robotics Club

- Executive- Web Engineering Team
- Working with mern stack to build robust apps

Courses

1. React 18 :

I embarked on an enriching journey of learning React.js through the comprehensive "React 18 Tutorial and Projects" course on Udemy. This course offered me a holistic learning experience, guiding me from the fundamental building blocks of React to the intricacies of advanced concepts. With each module, I gained a deeper understanding of React's capabilities and honed my skills in creating dynamic, responsive web applications. The course not only equipped me with theoretical knowledge but also practical experience, allowing me to work on real-world projects and apply my newfound expertise in advanced React concepts such as state management, Redux, context API, and more. This educational endeavor has truly empowered me with a valuable skillset in the world of web development.

Certificate Link: <https://www.udemy.com/certificate/UC-542d57c3-5da8-4762-920d-c3bda2eba677/>

2. The Complete 2023 Web Development Bootcamp:

The "Complete 2023 Web Development Bootcamp," led by Angela Yu, is a comprehensive and dynamic course that takes participants from web development fundamentals to advanced concepts. Covering HTML, CSS, JavaScript, React, Node.js, databases, and deployment, this program equips learners with a versatile skill set. Angela's engaging teaching style and practical approach make complex topics accessible, making this course suitable for both beginners and experienced developers. With a focus on hands-on projects, students gain the practical experience needed to excel in web development. The Bootcamp is a go-to resource for those aiming to master web development in 2023 and keep up with industry trends

Certificate Link: <https://www.udemy.com/certificate/UC-0281f274-e6b1-42fc-8054-af3522bc8082/>

3. 100 Days of code: The complete Python Pro Bootcamp for 2023:

Through the "100 Days of Code: The Complete Python Pro Bootcamp for 2023" by Angela Yu, I've not only gained a comprehensive understanding of Python but have also delved into advanced Python concepts. This course enabled me to explore topics such as object-oriented programming, decorators, data analysis with Pandas, and working with databases using SQLAlchemy. Additionally, I've honed my skills in building dynamic web applications using Flask, incorporating authentication and deploying Python projects.

With a solid foundation in these advanced Python concepts, I am well-equipped to tackle more complex and sophisticated programming challenges, making me a valuable asset in projects that demand advanced Python expertise

Certificate Link: <https://www.udemy.com/certificate/UC-b603fdfe-3769-4a18-a067-ab0e08d9184e/>