

Rabah Ali Shah

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EDUCATION

National University of Science and Technology (NUST H-12)

Bachelor of Mechanical Engineering

Islamabad, Pakistan

October 2020 – Expected June 2024

Relevant Coursework: Fundamentals of Programming, Computer Networking, Operating Systems, Database Management System, Information of Computer Technology, Calculus I & II, Numerical Methods, Probability & Statistics, Linear Algebra and ODEs, Complex Variables and Transforms.

WORK EXPERIENCE

Xylexa Inc.

(Part-time) Islamabad, Pakistan

Associate Software Engineer

September 2023 – present

- Leading the development of "Xylexa Portal", a project and team management tool.
- Initiated the project from concept, handling wireframing, prototyping, and UI/UX design in Figma.
- Solely responsible for front-end development using React, JSX, JavaScript, TypeScript, CSS, and HTML.
- Adhering to international best practices for code quality, scalability, and maintainability.
- Ongoing development, collaborating with cross-functional teams for seamless integration.

Skills: React, JavaScript, TypeScript, CSS, HTML, Tailwind, Figma, Font Awesome, Framer Motion, Material UI, Git, GitHub

Xylexa Inc.

Islamabad, Pakistan

Software Engineer - Intern

June 2023 – August 2023

- Version 3.0 Development: Collaborated with the development team to work on the latest version of XyCAD (V3). Actively involved in creating new features, implementing UI components, and ensuring a smooth and efficient user interface.
- Responsive UIs Development: Enhanced my expertise in React.js and front-end development to design and develop responsive user interfaces. This involves ensuring that XyCAD is accessible and functional across various devices and screen sizes.
- Problem-Solving: As working on V3 and optimizing V2, encountered various challenges and roadblock using problem-solving skills and collaborating with team to find innovative solutions and implement best practices to address these issues effectively.

Skills: Tailwind CSS · REST APIs · JSON Web Token (JWT) · Web Application Development · Redux.js · React.js · JavaScript · TypeScript · Cascading Style Sheets (CSS)

Interns Pakistan

Remote

Frontend Developer - Intern

July 2023 – August 2023

- Specializing in front-end development. Proficient in Bootstrap, JavaScript, HTML, and CSS, by solving assigned problems.
- Successfully delivered web projects, honing skills in responsive design and user experience.

Skills: Bootstrap, Front-End Designing, Web Application Development, JavaScript, HTML, CSS

PROJECTS

NatoursAPI - Backend RESTful API built with Node.js, Express.js and MongoDB: Developed Restful APIs using Node.js, Express and MongoDB for seamless tour bookings. Enabled secure user authentication and role-based access controls. Implemented role-based registration, tour booking, and user feedback. Integrated secure payment methods for reliable transactions. Designed and modelled data in NoSQL database for handling diverse user needs and easy integration with front-end applications.

FaceFind - Full Stack Face Detector Web Application built with React.js, Node.js, Express.js and PostgreSQL: Developed a complete full stack website capable of detecting human faces in images using Deep learning model API. Implemented Highly secured login and Registration process.

GPT3 - Multipage UI Design built with React.js and Tailwind CSS: Developed a fully responsive web application UI built with React and React Router 6. This Web Application includes dashboard, blog pages, and much more. Ready to connect with back-end APIs to make it a full stack fully responsive web application.

AttendEase - Face Recognition Attendance Web Application built with, CSS3 HTML5, JavaScript and Flask: Created a full stack responsive web application for taking attendance by recognizing the faces of the users with more than 90% accuracy. In this project, a foundation of face recognition has been implemented using the Haar Cascades Classifier, OpenCV & K-Nearest Neighbors Algorithm. Resulting in an estimated time savings of 50% and improved attendance tracking accuracy by 90%.

CERTIFICATIONS

- React- The Complete Guide - Udemy, AcadMind
- Complete Node.js Bootcamp - Udemy, Jonas Schmedtmann
- The Complete Web Developer Bootcamp - Udemy, Zero to Mastery
- The Complete Python Developer - Udemy, Zero to Mastery
- Introduction to Linux Operating System, freeCodeCamp

SKILLS

Technical Skills: Frontend: React.js, Next.js, JavaScript, Redux, React-Context, Material-UI, Tailwind CSS, Bootstrap, HTML, CSS.

Backend: Node.js, Express.js, MongoDB, Mongoose, NoSQL, MySQL, JWT, RESTful APIs.

Tools: Git, GitHub, Postman, Figma.

Others: Linux (Basic)

Soft Skills: Leadership, Time management, Effective communication

Languages: Fluent in English and Urdu