Muhammad Arsalan

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EDUCATION

COMSATS UNIVERSITY ISLAMABAD
BS in Computer Science

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Operating Systems
Data Structure and Algorithms
Programming Fundamentals
Database System I, II
Design and Analysis of Algorithms
Mathematics I, II

SKILLS

PROGRAMMING

Frontend:
• Next.js • React.js • TypeScript
• JavaScript • TailwindCSS
Backend:
• NodeJS • ExpressJS
• FastAPI (Python)
Databases:
• MongoDB • PostgreSQL
• DynamoDB
Testing:
• Cypress • Selenium
• Playwright
Cloud/DevOps:
• AWS (EC2, S3, AWS Amplify, Cognito, Route 53, Amazon WorkMail, Lambda)
• Nginx • GitHub Actions
UI/Design:
• Figma • Responsive Web Design

LANGUAGE

• Urdu(Native)
• English(Professional)

EXPERIENCE

SEQUENX B.V. | Full-Time | Software Engineer
Mar 2023 - Present | Islamabad

- Collaborated with stakeholders to gather and understand project requirements for accurate feature implementation.
- Google Certified UI/UX Designer: Demonstrating expertise and commitment to industry-recognized standards.
- Transformed Figma designs into efficient React.js, and Next.js applications, following coding best practices.
- Utilized Context API for seamless state management and consistent user experience.
- Integrated RESTful APIs for dynamic content, optimizing performance and responsiveness.
- Developed and maintained a Node.js backend, implementing RESTful APIs and ensuring efficient data flow between frontend and backend.
- Worked with Express.js and PostgreSQL/MongoDB for scalable and efficient backend solutions.
- Implemented authentication and authorization mechanisms using JWT and OAuth for secure access control.
- Worked closely with the backend team to ensure smooth frontend-backend integration.
- Conducted thorough testing, debugging, and troubleshooting for a stable application.
- Proficient in conducting unit tests and component testing using Cypress and Selenium, contributing to the overall robustness of the codebase.
- Actively participated in code reviews, providing feedback for enhanced code quality and maintainability.

XYLEXA, INC | Full-Time | Software Engineer
Feb 2022 - Feb 2023 | Islamabad

I collaborated with the team to create efficient designs and coordinated with peers to develop projects using a microservices architecture. I was responsible for designing the UI of the applications and building the front end using React.js. Additionally, I integrated the front end with the backend to ensure seamless functionality.

UE | Full-Time | Digital Marketing Associate and Web Developer
Jan 2022 - Feb 2022 | Islamabad, Pakistan

As a Digital Marketing Associate and Web Developer, I handled both sides of the online presence coin. I built websites that looked good and worked well, using languages like HTML and CSS. Simultaneously, I dived into digital marketing strategies, managing social media, and running ads to get more eyes on our work. I was all about making things look great and getting them noticed in the digital world.