Ahsan Mahmood

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"Full-Stack Developer | MERN & MEAN Stack Specialist | Software Engineer"

I am Ahsan Mahmood, a dedicated Full-Stack Developer with a Bachelor's degree in Software Engineering from the Virtual University of Pakistan. I specialize in the MERN and MEAN stacks, focusing on JavaScript, Typescript, ReactJS, Angular, NodeJS, Laravel, Firebase, and AWS Services. My professional journey since 2018 has spanned across various industries, developing web and mobile applications, SaaS products, and custom software solutions that drive business growth and user engagement.

Currently leading development projects at Zaions, I leverage AWS technologies and serverless architectures to deliver scalable and performance-driven applications. I am committed to continuous learning and applying new technologies to solve complex problems and enhance application usability.

LinkedIn: https://linkedin.com/in/aoneahsan   **Github:** https://github.com/aoneahsan

EXPERIENCE

Team Lead | Full-stack Developer | MERN Stack Developer | MEAN Stack Developer
Zaions, Lahore, Punjab, Pakistan   Mar 2020 – Present
Spearheaded numerous full-stack projects utilising MERN and MEAN stacks with technologies including ReactJS, Angular, Laravel, and NodeJS with Typescript.
- Developed native mobile apps using React Native, integrating with NodeJS, ExpressJs, and MongoDB/MySQL backends with typescript.
- Authored and deployed a browser extension, "Udemy Video Playback Speed Controls", enhancing user interaction with educational content. I developed this using "ReactJs + Typescript + Extension Manifest V3".

Web App Developer | Laravel Developer | Angular Developer
PNY Trainings, Lahore, Punjab, Pakistan   Oct 2018 - Feb 2020
- Led the development of a custom management system using Laravel and Angular, significantly improving operational efficiency for managing educational content and user data.
- Successfully developed and optimised multiple web applications, notably reducing load times through advanced Angular techniques and creating progressive web apps (PWA).

WordPress Developer | Custom Theme Developer
OSO Software Solutions, Lahore, Punjab, Pakistan   Jun 2018 - Sep 2018
- Developed and maintained custom WordPress themes and plugins, enhancing site functionality and user engagement.
- Achieved proficiency in WordPress architecture, implementing advanced custom fields and custom theme development for various clients.

Frontend Developer | UI Developer
NetRoots Technologies, Lahore, Punjab, Pakistan.   Jan 2018 - May 2018
- Designed and executed pixel-perfect UIs for multiple web projects, aligning closely with design specifications using HTML5, CSS3, and JavaScript.
- Excelled in fast-paced environments, consistently delivering projects that enhanced user experience and interface.

LANGUAGES

- English – Full Professional Proficiency
- Urdu – Native/Bilingual
- Arabic – Limited Working Proficiency

SKILLS

Expert in: ReactJs, Ionic Framework, React Native, Flutter, NodeJs, ExpressJs, Apollo Server, Laravel, MySql, MongoDB, Restful APIs, GraphQL APIs, Firebase, Serverless Functions, Realtime DB, Firestore, Remote Config, Analytics, AWS Services, Lambda, API Gateway, S3, EC2, DynamoDB, Version Control, Git, Github, Cypress, Jest, Postman, Automation Software Testing, Web Developer, Mobile App Developer, Browser Extension Developer, Desktop App Developer, HTML5, CSS, SCSS, TailwindCSS, Javascript, JQuery, AlpineJs, Typescript, Bootstrap, Material UI, Radix UI, PHP, WordPress

Other Skills: Problem-Solving, Critical Thinking, Time Management, Project Management, Team Management, Deployment, CI / CD, Process Improvement, Maintenance

PROJECTS

"NewsPaper" | ReactJs (with Typescript) and Laravel App Development
Zaions Company   June 2024 - June 2024
Live App: https://newspaper.aoneahsan.com   Code Repo: https://github.com/aoneahsan/newspaper-app-reactjs-laravel
Summary:
Developed a NewsPaper app using "ReactJs + RadixUI + Typecript" for frontend and "Laravel + MySql" for backend (Restful APIs) in 5 days. Used third-party news APIs to show the news in the app.

"Nyuk.in" | Invoice Generator App | ReactJs (with Typescript) and Laravel App Development
Upwork Contract   January 2024 - March 2024
Link: https://nyuk.in
Summary:
Redesigned and developed an invoice management web application, advising on infrastructure improvements such as integrating AWS Lambda for backend efficiency.

"Trizlink" | Url Shortener SaaS App | Web & Android App Development | React with Typescript & AWS Lambda Backend
Zaions Company   November 2022 - April 2024
Links: https://play.google.com/store/apps/details?id=com.trizlink.app | https://trizlink.com
Summary:
Developed a URI-shortening SaaS web app and its corresponding Android application, handling both UI enhancements and backend integrations to ensure compliance with Google Play Store policies.

"Perkforce" SaaS App Development | Web & Mobile App | Slack App Development
Perkforce Company   July 2022 - February 2024
Links: https://my.perkforce.com | https://apps.apple.com/pk/app/perkforce/id1608229415 |
https://play.google.com/store/apps/details?id=com.perkforce.app |
https://slack.com/apps/A034UAKR729-perkforce
Summary:
Architected a comprehensive SaaS platform for managing corporate perks, integrating advanced web and mobile technologies, and deploying on major app stores, significantly enhancing user access and interaction.

"Ztools" | Your Digital Toolbox Simplified | SaaS App | Web + Mobile App (Android)
Zaions Company   May 2023 - July 2023
Links: https://play.google.com/store/apps/details?id=com.zaions.ztools | https://ztools.zaions.com
Summary:
Directed the development of a multi-functional digital tool suite, implementing serverless architecture to enhance productivity tools accessible via web and mobile interfaces. The project Front-End was developed using ReactJs + Ionic Framework + Typescript, and for the backend, I used Firebase serverless functions.

"Broker CRM" | Customer Relation Management System
Direct Contract   November 2022 – January 2023
Link: https://fpi.zaions.com
Summary:
Developed a CRM system for managing fractional property investments, focusing on transaction tracking, user-specific functionalities, and enhancing data visualization for various user types.

"Ludo 3d" Unity Game | Unity 3d Game Development | Game Developer
Learning Project   September 2022 – October 2023
Links: https://aoneahsan.itch.io/ludo-3d | https://aoneahsan.itch.io
Summary:
Developed a fully functional 3D board game modeled after traditional Ludo, featuring multi-player capabilities and engaging gameplay dynamics, available on the itch.io platform.

"Udemy Video Playback Speed Controls" | Browser Extension Development
Personal Project   August 2022 – September 2022
Links: https://chromewebstore.google.com/detail/ihafdbecgnhendhckoknblmcminoikdb |
https://zaions.com/uvcep
Summary:
Created and deployed a browser extension to enhance video playback controls on Udemy, addressing user demand for customizable speed settings, which significantly improved the learning experience.

Few Other Big Projects Links
- Freelance Platform (Angular & Laravel) https://freelancer.zaions.com May 2020 – April 2021
- Investment Saving Dashboard (Angular & Laravel) https://isd.zaions.com Nov 2021 – Jan 2022

More projects are mentioned in my portfolio website and LinkedIn profile

EDUCATION

Bachelor of Science in Software Engineering - BSSE
Virtual University of Pakistan, Lahore, Punjab, Pakistan   Jan 2018 - Jan 2022

Specialized in Computer Science, Mathematics, and Software Development, completing a comprehensive curriculum that included significant projects and hands-on programming.

FSc Pre-Engineering - Engineering
Govt. Shalimar Graduate College, Lahore.   Jan 2015 - Jan 2017
Focused on Chemistry, Physics, Mathematics, and English, providing a strong foundation in analytical thinking and scientific principles.

Matriculation in Science
Govt. Comprehensive Higher Secondary School, Lahore.   Jan 2013 - Jan 2015
Studied Chemistry, Physics, Mathematics, and Computer Science, developing early skills in both natural sciences and information technology.

CERTIFICATIONS

Unity Game Tutorial: Board Game - Ludo 3D
By: Octo Man – Udemy   September 2022 – October 2022

Complete C# Unity Game Developer 3D
By: GameDev.tv Team - Udemy   April 2022 – April 2022

Flutter & Dart - The Complete Guide
By: Maximilian Schwarzmüller (Academind) - Udemy   March 2022 – April 2022

React Native - The Practical Guide
By: Maximilian Schwarzmüller (Academind) - Udemy   September 2021 – October 2021

Complete C# Unity Game Developer 2D
By: GameDev.tv Team - Udemy   May 2021 – June 2021

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INTERESTS

- Learning new culture, languages, and skills
- Exploring new things, and places
- Leadership and Management (Project/Product/Time Management)
- Working on difficult/challenging tasks

CONTACT DETAILS

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Upwork: https://upwork.com/freelancers/aoneahsan
Updated Resume: https://aoneahsan.com/resume
Updated CV: https://aoneahsan.com/cv

Let's connect, discuss the project/work details and get started ☺