

Ahsan Mahmood

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“Full-Stack Developer | **MERN Stack Specialist** | Software Engineer”

As a Full-Stack Developer with **7+ years** of experience, I specialize in building **scalable web and mobile applications** that drive **business growth**. For past 4+ years working in **MERN stack** (MongoDB, Express.js, React.js, Node.js), **CapacitorJs** and **Firebase**, completed complex solutions - from user-friendly frontends to robust backend systems, fully Serverless & Self-Hosted-Servers.

I have created open-source packages **downloaded over 1000+** times per week, **20+ NPM packages** with code available on GitHub published so far. I have managed both self-hosted-servers and serverless projects, **saving cost** and **increasing stability and performance** by more than **40%**.

LinkedIn: linkedin.com/in/aoneahsan | **GitHub:** github.com/aoneahsan | **NPM:** npmjs.com/~aoneahsan

EXPERIENCE

Senior Software Developer | MERN Stack

Perkforce, Remote

July 2022 – Present

Managing **Perkforce SaaS app** development as **senior developer**

- Web, Mobile (Android + IOS), MS Teams & Slack App Development using React, NodeJs, Apollo GraphQL Client & Server, with MongoDB database.

Team Lead | MERN Stack Developer | MEAN Stack Developer

Zaions, Lahore.

Mar 2020 – June 2022

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

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

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

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**

SKILLS

Expert in: ReactJs, NodeJs, ExpressJs, Apollo Server, MySql, MongoDB, Restful APIs, GraphQL APIs, Firebase, AWS Services, Git, Cypress, Postman, TailwindCSS, Typescript, PHP, WordPress, Laravel

Other Skills: Problem-Solving, Critical Thinking, Time, Project & Team Management

PROJECTS

NPM Packages | Typescript, React, Firebase, CapacitorJs Packages | 20+ Packages

Personal Projects

1st Published June 2024

Links: npmjs.com/package/strata-storage, npmjs.com/package/capacitor-biometric-authentication, npmjs.com/package/native-update, npmjs.com/package/ts-buildkit, npmjs.com/~aoneahsan

Summary:

NPM Packages, **open source** contribution to community, **general purpose** Typescript, React, Firebase, CapacitorJs, NodeJs and other packages, providing solution to many common issues and **complex problems/features**.

"Perkforce" SaaS App | Web, Mobile, MS Teams & Slack App Development

Perkforce Company

July 2022 - Present

Links: my.perkforce.com | apps.apple.com/pk/app/perkforce/id1608229415 | play.google.com/store/apps/details?id=com.perkforce.app | slack.com/apps/A034UAKR729-perkforce | appsource.microsoft.com/en-au/product/office/WA200006930

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.

"NewsPaper" | ReactJs (with Typescript) and Laravel App Development

Personal Project

June 2024 - June 2024

Live App: newspaper.aoneahsan.com Code Repo: 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

Personal Project

November 2022 - April 2024

Links: play.google.com/store/apps/details?id=com.trizlink.app | 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**.

"Ztools" | Your Digital Toolbox Simplified | SaaS App | Web + Mobile App (Android)

Zaions Company

May 2023 - July 2023

Links: play.google.com/store/apps/details?id=com.zaions.ztools | 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: 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: aoneahsan.itch.io/ludo-3d | 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: chromewebstore.google.com/detail/ihafdbecgnhendhckoknblmcmينوikdb | 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) freelancer.zaions.com May 2020 – April 2021
- **Investment Saving Dashboard** (Angular & Laravel) 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

More certifications are mentioned in my portfolio website and LinkedIn profile

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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Linkedin: linkedin.com/in/aoneahsan

Github: github.com/aoneahsan

Skype: Live:aoneahsan (skype email: aoneahsan@outlook.com)

Upwork: upwork.com/freelancers/aoneahsan

Updated Resume: aoneahsan.com/resume

Updated CV: aoneahsan.com/cv

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