Muhammad Raees Arshad
Full Stack Developer

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Profile

Full Stack Developer with 2+ years of experience in developing high-end web and mobile applications using ReactJS, VueJS, NodeJS, NestJs,Typescript and Flutter

Skills

Backend Development: ExpressJS, NodeJS, NestJS, JestJS, MongoDB, MySQL, Flask

Frontend Development: ReactJS, VueJS, HTML/CSS, Bootstrap, jQuery, Tailwind

Miscellanious: Flutter, AWS, Firebase, Solidity, Python, C/C++, Git, Trello, Stripe

Certificates

The Complete Web Development Bootcamp — Dr. Angela Yu, **NodeJS - The Complete Bootcamp** — Jonas Schmedtmann, **React – The complete Guide** — Maximilian Schwarzm üller, **The Complete JavaScript Course** — Jonas Schmedtmann, **NestJS: The Complete Developer's Guide** — Stephen Grider, **The Complete Flutter Development Bootcamp** — Dr. Angela Yu, **Vue - The Complete Guide** — Maximilian Schwarzm üller

Professional Experience

Full Stack Developer at ezWiFi   Mar 2023 – Apr 2024
- Developed a scalable and optimized dashboard using MEVN (MongoDb, ExpressJS, VueJS and NodeJS) stack with features including graphically represented customer data, management of locations and hotspots, portal page manager, account management system (mobile app users and advertisers) and ads manager system
- Migrated the backend from MEN Legacy code to NestJs
- Developed scalable and optimized solution by utilizing AWS features such as S3, CloudFront, Lambda functions and EC2
- Deployed TP-Link Omada Controller and Radius Server on AWS EC2 instances, seamlessly integrating them with the backend. Enhanced the WiFi access process through MAC-based authentication using the Radius
- Embedded Stripe payment element for one time top-up balance
- Conducted UI/UX optimizations to improve the overall user experience of the dashboard
- Crafted a dynamic, fully responsive and user-friendly landing page using VueJS
- Performed unit testing for the backed using jest and setup a CI/CD pipeline
- Developed a mobile Dapp using Flutter with features including on-boarding routers with Omada controller, performance dashboard for all the routers, geolocation-based free WiFi router locator with map integration and wallet page

NodeJS Developer at Stealth Startup   Dec 2021 – Dec 2022
- Developed RESTFUL API using NodeJs, MongoDB, Express using Model View Controller model for an AI intruder detector
- Designed Auth System using JWT (jsonwebtoken)
- Scripted MongoDB queries for data transfer between AI, Server and Client-side
- Developed scalable and optimized solution by utilizing AWS features such as S3, CloudFront and EC2
- API testing with postman and chrome developer tools

Education

NUST, Bachelor of Electrical Engineering   Sep 2017 – Jun 2021

Projects

Front end projects
https://ez-initiis-novis.vercel.app
https://bankinghooapp.netlify.app
https://forkify-mra.netlify.app