

SAMMAD FAROOQ

MERN STACK DEVELOPER

Contact

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Portfolio: <https://abdulsammadfarooq.github.io/my-portfolio/>

EDUCATION

COMSATS University Islamabad

Feb 2018 — Feb 2022

Bachelor of Science in Software Engineering (BSSE)

Skills

Tools and Technologies:

- **Node.js:** Proficient in building scalable server-side applications and APIs.
- **Express.js:** Experienced in creating RESTful services and middleware for web applications.
- **Adonis.js:** Skilled in using this MVC framework for efficient backend development.
- **React.js:** Expertise in building dynamic and responsive user interfaces for web applications.
- **Web3.js:** Knowledgeable in blockchain integration and interacting with smart contracts.
- **Ethers.js:** Developing dApps using Ethers.js for smart contract interactions, wallet integration, and transaction handling.
- **MongoDB:** Proficient in designing and managing NoSQL databases for high-performance applications.
- **MySQL:** Experienced in relational database design, optimization, and querying.
- **Firebase:** Skilled in real-time database management, authentication, and cloud functions.
- **Redis:** Experienced in using Redis for caching and session management to optimize performance.
- **Swagger:** Proficient in API documentation and design for developer collaboration.
- **JS Docs:** Skilled in documenting JavaScript code to maintain clarity and standards.
- **S3 Bucket:** Experienced in managing file storage and retrieval using Amazon S3.
- **Cloudinary:** Proficient in image and video management, including optimization and delivery.
- **Git:** Well-versed in version control and collaborative development workflows.
- **JavaScript Libraries:** Hands-on experience with various libraries to enhance functionality and user experience.

EXPERIENCE

MWAN MOBILE LTD

Rawalpindi, Pakistan

MERN Stack Developer

Feb 2022 - Present

- Developing and Analyzing Restful APIs
- Send push notifications and user authentication using Firebase
- Real time communication using Socket.io
- Meta Mask Integration
- Integration of Network International Payment Gateway
- Google Map Integration
- Google Analytics Implementation
- Integration of Slackbot webhook
- Google Authenticator and reCaptcha
- ChatGPT API integration
- Buy and Sell NFTs on Polygon, Ethereum and Binance network chains
- Airdrop Tokens and NFTs
- Implementation of crone jobs
- BullMQ implementation for Job queues
- Centralize Web3 calls

- Deploy and Mint products on blockchain
- Usage of youtube and Vimeo APIs
- QR Code Functionality
- Utilize cloud for images and file handling
- Data Modeling
- Security and performance Measurements of system
- Integration of third party APIs, i.e. Morallis, 1 inch, Sendgrid, NI Payment gateway and Distribution server APIs
- Microservices/Monolithic architecture
- Usage of Redis and API optimization
- Documentation of APIs using postman and swagger
- Source code documentation using JS Docs

Freelancing

MERN Stack Developer

June 2021 – Present

- Done tasks using React and Express JS
- Data scraping using cheerio and Puppeteer
- Functionalities of Course Management System
- Functionalities of E-commerce site
- other tasks using MERN stack

Certifications

React 18 Tutorial and Projects Course (2023)

<https://www.udemy.com/certificate/UC-e1f69cab-ffd5-457b-af9e-e097755fed1d/>

MERN Stack Certification by Pakistan Freelancing Training Program (PFTP)

https://drive.google.com/file/d/110i8icIG6z5NsrGX0uit8N1H5WeN7Wi2/view?usp=drive_link

MongoDB - The Complete Developer's Guide 2023

<https://www.udemy.com/certificate/UC-dda6efe4-26d2-416f-be2e-2e27f30930b9/>

Learn JavaScript from Scratch

<https://drive.google.com/file/d/1F1e21CwcqbohdAG9d-1nF200FXHt9eci/view>

Git from Basic to Advance: Practical Guide for developers

<https://www.udemy.com/certificate/UC-d5c5e9f4-2a1b-4f68-80bd-c7973acf5372/>

Certification of Appreciation

https://drive.google.com/file/d/1UbcCPVW4FDGbnxUClUprLFcUEaZI_cf7/view?usp=drive_link

HackerRank JavaScript Basic Certificate

<https://www.hackerrank.com/certificates/0cdf13753634>

PROJECTS

EX-SPORTS Marketplace

Project Web Link: <https://marketplace.ex-sports.io/>

Project App Link: <https://play.google.com/store/apps/details?id=io.exs.android>

Ex-Sport is a cutting-edge blockchain-based NFT marketplace, offering users the ability to buy and sell NFTs from three diverse blockchain networks. Witness live gaming events organized by our skilled Exs Team and enjoy playing various games on the platform.

Reward Marketplace (Development Mode)

Project Web Link: <https://loyalty-marketplace.dev.mwancloud.com/campaigns/marketplace>

A decentralized reward marketplace where companies can create accounts and launch campaigns consisting of both on-chain and off-chain tasks. These tasks serve as engagement activities that users complete to earn rewards. Rewards are distributed based on either a luck draw system or a first-come, first-serve basis, providing an engaging incentive model for participants.

AL-HEJIN Camel Game Marketplace

Project Web Link: <https://marketplace.ex-sports.io/>

Project App Link: <https://play.google.com/store/apps/details?id=io.exs.android>

Al-Hejin stands as a decentralized web3 gaming platform, inviting users to acquire virtual camels and engage in captivating gameplay. It offers to purchase camels and packs and win the exiting rewards

Scan and Trace

Project Web Link (Development mode): <https://scantrace.dev.mwancloud.com/login>

Scan and Trace is an innovative project revolutionizing product authentication by leveraging the power of blockchain technology. This platform empowers companies to securely add their unique products to the blockchain, creating an immutable record of each item's authenticity and origin. The core functionality of Scan and Trace lies in its user-friendly scanning feature. Customers can easily scan the product using any scanner Application, gaining instant access to comprehensive details about the product's journey from creation to their hands.

Coin Guard Wallet

(Project is in developing phase)

Coin Guard is a digital wallet that supports EVM and Solana blockchain networks, allowing users to seamlessly manage their assets across different chains. Within the app, you can view your holdings on specific networks, perform activities such as transferring and receiving tokens, managing transaction history, swapping tokens, transferring NFTs, and much more. The wallet offers a comprehensive suite of features to enhance the user experience and ensure secure, efficient management of your digital assets.

Cold Email Marketer

Cold Email Marketer is our Final year project of our degree. This is an online SAAS platform tool. The purpose of the tool is to send cold emails to targeted audience. It receives the replies from the audience and filter out the interested leads to grow business. It has much more functionalities to grow the business.

Course Management System (Aparavi)

Project Web Link (Development mode): <http://164.92.118.160/>

Aparavi offers a robust learning platform that caters to companies seeking comprehensive course memberships. This platform enables organizations to purchase memberships, providing their employees with access to a diverse range of courses. Employees can seamlessly engage with the educational content and, upon successful completion, receive certificates as a testament to their achievements.

Other Projects and Functionalities

- Developed an e-commerce site using MERN stack.
- Prismpay Digital wallet maintenance using Node JS.
- Reward Marketplace using Node JS.
- Chat web Application using MERN stack.
- Many other small projects and tasks