

Muhammad Salik Jamal

Full Stack Engineer

I am a Full Stack Engineer with six years of experience in the industry. Starting at the age of **16 years old**, I have been working with many technologies and have profound knowledge and understanding of how to make software for different solutions.

Over **6 years** I have worked with many languages, frameworks, trends, and technologies.

I currently work independently for my clients, from ideas towards successful launch. Creating efficient and scalable systems to help their business requirements.

Adaptability is my core skill; I can learn technologies on demand and implement them with best practices to ensure quality of software and performance.

EXPERIENCE (6 YEARS)

Freelancer, Karachi, Sindh, PK— Self Employed Full Stack Engineer

FEBRUARY 2022 – PRESENT

Now I'm working as a Full Stack Engineer, I independently collaborate with clients creating and managing their applications. I've worked on apps for my clients from an idea to production. Having direct experience with many technologies ranging from frontend to backend. I understand requirements, develop feasibility reports, and develop solutions from scratch. I've also worked in teams, collaborating on different ideas and tasks together.

Sunken Blimp, Miami, Florida, USA— Blockchain Developer

OCTOBER 2021 – APRIL 2022

Started learning about Web3, I had the responsibility to create a custom NFT marketplace here, using smart contracts on the Ethereum blockchain. An NFT with utility features, researching on OpenSea and collaborating with different blockchains specialists. Meetings with Founder, understanding requirements, researching, and developing solutions from those requirements.

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SKILLS

HTML
CSS
JavaScript
TypeScript
React
Next.js
Node.js
REST API
Git
Tailwind
CSS
Prisma
MongoDB
Zustand
Redux
Express.js
PostgreSQL
Framer Motion
Solidity
Smart Contracts
Ether.js
Web3.js
Hardhat
Truffle
Chai
Mocha
PHP
Laravel
WordPress
Plugin Development

Sunken Blimp, Miami, Florida, USA— Backend Developer

JUNE 2021 – OCTOBER 2021

Managed and created plugins to extend functionalities in the WooCommerce store. I created a connector between Salesforce and WordPress as a plugin, the plugin would automatically synchronize the orders, customers, leads and products. I also experimented with Three.js in creating 3D websites and user interfaces.

Thumzup Media Corporation, Los Angeles, California, USA— Senior Frontend Engineer

JANUARY 2021 – FEBRUARY 2024

I singlehandedly developed and supervised the admin tool of Thumzup where brands can manage their campaigns. User authentication, image editing features, Stripe payment integration, analytics of campaigns. I also made sure the work is divided properly among developers, tickets are being completed in a timely manner, and the deployments are done using CI/CD.

Cloud Primero B.V, Karachi, Sindh, PK— Senior Software Engineer

JANUARY 2019 – JUNE 2021

My role was to have meetings with my clients, understanding their requirements and creating the best solution in the defined budget and scope. I created a project called The Green Branch to check your carbon footprint using Laravel and React.js, I created APIs, and managed the admin panel of a driving lessons app, I created APIs in Zend framework for a freelancing platform Growlabs.

JOGO.AI, Amsterdam, North Holland, NL— Junior Software Engineer

JUNE 2020 – AUGUST 2020

We were working with the JOGO mobile app and needed more REST APIs made for the communication with the admin panel. I helped and created complex APIs which contained user authentication, fetching user data, and storing information from forms in Laravel. I also worked on React.js and created user experiences for managing user's information, checking player profiles, and creating teams etc. Later, this app scaled to 1 million users in a month.

Zepcom, Karachi, Sindh, PK— Junior Backend Developer

SEPTEMBER 2018 – DECEMBER 2018

Initial stages of my development career, I worked here and learned how to create plugins, developed an understanding of basic technologies and stacks. Created a few plugins in WordPress and Shopware using PHP.

CERTIFICATIONS

JavaScript Intermediate-
Issued Feb 2023

Introduction to JavaScript -
Issued Feb 2023

Responsive Web Design -
Issued Jan 2023

React + Redux - Issued Jan 2023

The Complete NFT Web Development Course - Zero to Expert - Issued Jul 2022

The Complete Solidity Course - Blockchain - Zero to Expert- Issued Jun 2022

Complete DApp - Solidity & React - Blockchain Development - Issued Apr 2022

Build An NFT Marketplace From Scratch - Blockchain DApp - Issued Apr 2022

Automate the boring stuff with Python
Udemy - Issued Dec 2020

Python for beginners - Learn programming from scratch
Udemy - Issued Feb 2020

LANGUAGES

English - Conversational
Urdu - Fluent

Worked on multiple PHP frameworks like Yii, Zend and Laravel. Made an LMS for a school, users can manage courses, pay fees and take classes.

Creative Thumb, Karachi, Sindh, PK— *Development Intern*

JULY 2018 - AUGUST 2018

I started my internship at 16 years old here, I learnt the building blocks of web development using HTML, CSS, and JavaScript.

EDUCATION

Virtual University of Pakistan, Karachi, Sindh — Undergraduate of BS in Computer Science

2022 - 2026

Studying Bachelor's Degree in Computer Science

Govt Johar Degree Sci/Comm College, Karachi, Sindh — Senior in Pre-Engineering

2018 - 2020

Graduated Senior High School in Pre-Engineering

Usman Public School, Karachi, Sindh — Sophomore in Computer Science

2016 - 2018

Graduated High School in Computer Science

PROJECTS

Enigma — *TypeScript, NEXT.js, PostgreSQL*

AI tools with OpenAI and Replicate, featuring authentication, Stripe integration, and customer support chat using TypeScript, NEXT.js, Neon, Shadcn/UI and Stripe.

Soundscape — *TypeScript, NEXT.js, PostgreSQL*

Seamless music streaming, authentication, and subscription based with Soundscape, powered by NEXT.js, Supabase, and Stripe.

Rapidmart Admin — *TypeScript, NEXT.js, PostgreSQL*

Store management with Rapidmart admin panel; Handle products, orders, filters, featured products, billboards, and orders synchnorization using Stripe webhooks. API routes documentation for seamless storefront integration.

Rapidmart Store — *TypeScript, NEXT.js, PostgreSQL*

Shop at Rapidmart store. Use filters like colors, sizes, and categories on different products. Enjoy seamless cart and Stripe checkout. Built with NEXT.js 14 and PostgreSQL for robust performance.

Thumzup Admin Tool— *JavaScript, React JS*

Developed an admin panel focused on social media marketing. Utilized React, Material UI, React Redux and Stripe to enable seamless management of user accounts, campaign posts, coupons, brand campaigns, and payment integration.

EarthDAO— *Polygon Blockchain, Solidity and Smart Contracts*

Created a DAO by utilizing ThirdWeb's production ready smart contracts, minted an ERC1155 token to gain entry in the DAO, minted DAO's token called EarthDAO seeds. Wrote scripts to create proposals feature and voting feature. Users can connect wallet to app, and vote on proposals. Made using ThirdWeb SDK, React, Tailwind CSS, Alchemy, Hardhat and Ethers.js.

Dark Phantoms Marketplace — *Polygon Blockchain, Solidity and Smart Contracts*

Developed an NFT Marketplace on Polygon Blockchain using OpenZeppelin's ERC721 standard. Integrated IPFS for digital asset storage, Infura for Blockchain node, and deployed with Chai.js and Hardhat on Polygon Mumbai Testnet. Utilized NEXT.js for frontend. Features include a minting station for NFT creation with metadata options (description, name, price), dashboard for managing minted tokens, and marketplace for buying/selling NFTs.

NFT Collection— *Ethereum Blockchain, Solidity and Smart Contracts*

Created a decentralized app where users can connect their wallet and mint a unique NFT. Everything is done on chain in this application, the NFT itself is minted, and stored on the Ethereum blockchain in the smart contract storage. The NFT is minted using SVG code, it appends different parameters based on random numbers which generates a unique NFT. Made using Solidity, Smart Contracts, React, Hardhat, Ether.js, QuickNode.

Wave Portal— *Ethereum Blockchain, Solidity and Smart Contracts*

Created a fun app where users can connect their wallet to my application, wave at me on the blockchain, write a message to my address and have a chance at winning some test ether while doing so. Made using Solidity, React, Infura, Hardhat and Ether.js.

Custom NFT Marketplace R&D— *Ethereum Blockchain, Solidity and Smart Contracts*

Researched about NFT marketplace using Ethereum block chain, minting station, and custom smart contract. Explored other available options like OpenSea white label solution. Explored option for evolving artwork in NFT.

Three.JS R&D— *JavaScript, Three.js*

Researched and developed 3D websites using three.js.

WooForce Connector— *PHP, WordPress*

Developed a WordPress plugin between Salesforce and WordPress stores. It had two-way synchronization between WordPress data and Salesforce data. Hooked with webhooks and cronjob to facilitate both ends of the data.

Merakios— *PHP, Laravel*

Merakios enables medical students in universities to draw medical diagrams, CanvasJS was used for charts, graphs, and different shapes. Users can manage their profile, buy subscriptions, create diagrams, and share them with other users. Built using Laravel 8, and MySQL. Subscription based payment integration using Stripe.

Comlitix— *JavaScript, React JS*

Created the UI/UX of an ecommerce analytics web application using React. Ecommerce users can connect their stores, metrics from the different modules of the business will be gathered and they can analyze it all at one synchronized place.

Clickdrive — *PHP, Laravel and JavaScript, React JS*

I worked on REST APIs and the admin panel of Clickdrive using Laravel 8, React and MySQL. The users can book driving lessons, instructors are assigned to students, they can rate each other. From the admin panel, instructors can manage their schedule, create lessons, and see analytics of their profits.

JOGO.AI — *PHP, Laravel and JavaScript, React JS*

Created REST APIs using Laravel 8 and MongoDB for the mobile and web app. The users can highlight their talent on the app by recording their training, and with the help of Artificial Intelligence and Data Science Algorithms we capture the different analytics and metrics of the users. Different football clubs can hire talent by observing their profile.

The Green Branch — *PHP, Laravel*

Created REST APIs using Laravel 8 and MySQL for a web app where users can see how much carbon emission they have produced in a year. The

users go through a series of questions, the underlying formula calculates how much carbon they produced, and then the users have the option to donate money to plant the trees for the carbon emitted.

GrowLabs — *PHP, Zend Framework*

Created REST APIs using Zend Framework and MySQL for a web app where clients can find freelancers to hire. Freelancers can create their profile highlighting their skills, and clients can hire those freelancers for their projects; Similar to Upwork and Fiverr.

LMS for School — *PHP, Yii Framework*

I built a user-friendly web app for schools. It lets students track their daily progress, upcoming classes, and pay fees in one place. They can also check their subject-wise progress over time. Administrators can create fees vouchers, assign teachers to students, and manage the school's resources.