

Sameer Waseem

SOFTWARE ENGINEER · FULL STACK DEVELOPER

Lahore, Pakistan

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Summary

Experienced software engineer specializing in Javascript, Python, and PHP with a strong track record of delivering robust solutions. I have been working in the software industry since 2019, accumulating valuable experience and honing my skills in various domains. Throughout my career, I have successfully leveraged technologies such as Python, JavaScript, PHP, OpenAI, Fintech, and Cloud Solutions to develop innovative and efficient software solutions. I pride myself on being a collaborative team player, always striving to achieve business objectives and foster a positive work environment. Recognizing the dynamic nature of the field, I am dedicated to continuously updating my skills to effectively tackle complex challenges and stay at the forefront of industry trends.

Skills

Languages	JavaScript, TypeScript, PHP, Python
Frameworks	NodeJS, NextJS, Laravel, Codeigniter, React Native, Amplify, Flask, SASS
Generative AI	OpenAI, Prompt Engineering, Pinecone, StabilityAI
Databases	MySQL, MSSQL, SQLite, PostgreSQL, MongoDB
Libraries	ReactJS, BeautifulSoup
Cloud/DevOps	AWS (EBS, Lambda, API Gateway, SQS, SNS, Cloud formation), Digital Ocean
Tools	Git, Github Actions, Selenium
Headless CMS	Strapi, StoryBlok, WordPress

Work Experience

RipeSeed

Lahore, Pakistan

SOFTWARE ENGINEER

Jan. 2023 - Present

- Building and maintaining cloud-based applications using a variety of technologies such as React, Node, Express, Next.js, Laravel, and AWS services.
- Writing clean and testable code, ensuring high-quality standards are met. I actively collaborate with cross-functional teams, participate in code reviews, and engage in design discussions to create optimal solutions.
- Automating the Continuous Integration and Continuous Deployment (CI/CD) pipeline to streamline the development process, reduce manual work, and improve efficiency.
- Troubleshooting issues that arise during development or production, and finding effective solutions to address them promptly.
- Continuously improving my skills and knowledge by staying up-to-date with the latest industry trends and technologies, attending relevant training and conferences, and actively seeking opportunities to enhance my expertise.

Wellcreator

Lahore, Pakistan

ASSOCIATE SOFTWARE ENGINEER | 2 YEARS 11 MONTHS

March 2020 - Dec 2022

- Develop and deploy web and mobile applications while also maintaining associated databases to ensure smooth functioning and optimal performance.
- Lead and guide a team of developers, overseeing their work and providing support to ensure timely project delivery and the development of high-quality code.
- Act as a crucial liaison between clients and the development team, effectively communicating and managing project requirements to ensure client satisfaction and successful project outcomes.

Master Communication

Lahore, Pakistan

INTERN | 4 MONTHS

Nov. 2019 - Feb 2020

- Acquired knowledge and expertise in Internet Service Provider (ISP) operations, networking principles, and router configuration.
- Took responsibility for managing and maintaining the existing connections infrastructure, ensuring its smooth operation and reliability.
- Configured and efficiently resolved network traffic issues to ensure optimal performance, addressing any bottlenecks or connectivity problems that arose.

Projects

Beltway Brief

beltwaybrief.com

TECH: PYTHON, FLASK, PINECONE, OPENAI, PROMPT ENGINEERING, MONGODB, AWS EBS

Generative AI Web App

- Led the end-to-end development of Beltway Brief, overseeing architecture, CI/CD pipeline setup with AWS EBS, and frontend design.
- Optimized OpenAI integration with custom prompt engineering, enhancing the platform's AI capabilities for personalized user interactions.
- Implemented Pinecone for advanced semantic search, improving data retrieval efficiency and enhancing the user experience.

MooziLyrics

moozilyrics.com

TECH: NEXTJS, OPENAI, VERCEL, MONGODB

Web App

- Led a dynamic team as the project manager, overseeing architecture design, task prioritization, and client interactions to ensure project success.
- Designed and optimized the project's technical architecture, promoting scalability and high performance to meet user demands effectively.
- Maintained rigorous quality control through comprehensive code reviews, fostering a culture of excellence and reliability in development practices.

ApplyBro

applybro.com

TECH: FLUTTER, NODEJS, FIREBASE, OPENAI, AWS

Flutter Web App

- Handling the CI/CD Pipeline, ensuring smooth and timely deployment of project deliverables.
- Project management, overseeing the successful execution of the project.
- Integrated OpenAI into the backend and performed prompt engineering for enhanced AI capabilities.

UpCatch

upcatch.io

TECH: REACT, NODEJS, EXPRESSJS, MONGODB, AWS, OPENAI, AGENDAJS

Chrome Extension

- Served as a backend developer, responsible for developing and maintaining the backend components of the project.
- Created efficient CI/CD pipelines using GitHub Actions integrated with AWS, ensuring seamless deployment and continuous integration.
- Integrated OpenAI seamlessly into the backend architecture, ensuring efficient and flawless content generation.

AltaBrio

altabrio.com

TECH: LARAVEL 7, OPENAI, PROMPT ENGINEERING

Chatbot Development

- Created a chatbot using OpenAI to assist users in triathlon training by providing instructions through prompt engineering.
- Developed the frontend interface for the chatbot.

CityBook

citybook.pk

TECH: REACT, REACT NATIVE, NODEJS, EXPRESSJS, MYSQL

Web & Mobile App

- Designed and coded Citybook's scalable and secure back-end functionality.
- Developed the mobile app for Citybook with an intuitive user experience and optimal performance.
- Managed the Citybook project team, completing the project on time and within budget, and deployed the application to a live environment (Digital Ocean & Google App Store)

List Networks

listnetworks.com

TECH: CODEIGNITER 4, MYSQL, JQUERY

Web App

- Developed a full-stack web application from start to finish, including designing the user interface, implementing backend functionality, and optimizing database performance.
- Deployed the web application to a live server, ensuring it was secure, scalable, and able to handle high traffic volumes.
- Continuously monitored and improved the web application's performance, incorporating user feedback and market trends to enhance functionality and user experience.

AutoOnes

autoones.com

TECH: REACT, NODEJS, EXPRESSJS, MYSQL

Web App

- Designed and coded Autoones's scalable and secure database architecture and back-end functionality.
- Managed the AutoOnes project team, completing the project on time and within budget, and deployed the web application to a live environment with Digital Ocean.

My Auction Sheet

myauctionsheet.com

TECH: REACT, NODEJS, EXPRESSJS, MYSQL

Web App

- Designed and coded My Auction Sheet's scalable and secure back-end functionality.
- Integrated Various APIs (Google, Facebook) and Payment Methods such as Stripe, PayPal, and PayPak to ensure a smooth checkout flow.

Education

University of Punjab

Lahore, Pakistan

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

2018 - 2021

- Developed and completed a MERN Stack art gallery project for my final year, showcasing full-stack development skills. Demonstrated proficiency in front-end design, back-end implementation, and database management.

Contributions & Packages

jazzcash-checkout

Node.js package that provides easy integration of JazzCash payment gateway.

mysql-rcm

Node.js package that helps create REST API endpoints for a MySQL database using express and mysql2.

sitemap-generator

A XML Sitemap generator to design dynamic sitemap for your website built using PHP.