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Summary

As a dedicated Software Developer with more than 4 years of experience, my passion for modern technology and the evolving digital landscape has honed my skills in front-end and back-end development.

This enthusiasm has steered me towards mastering languages such as Python, JavaScript, HTML/CSS. I am comfortable working with frameworks like Django and Flask and I am well-equipped to handle diverse web development challenges. My knowledge of database management using SQL and familiarity with Firestore further bolsters my capabilities in delivering comprehensive web solutions.

Utilizing my experience with Docker, and Google Cloud, I am poised to streamline development workflows and build robust, scalable web applications in a cloud environment. I am eager to apply these skills to shape the future of digital experiences and contribute to the development of the online realm.

Experience



Web Developer

Fielder

Jun 2020 - Present (3 years 5 months)

As a lead backend developer at Fielder, I drove the development of scalable web solutions using a tech stack primarily comprising Python, Django, Firebase, Docker, and Google Cloud. I designed and implemented REST APIs for a recruitment platform named "Fielder". These APIs were built using the Django REST framework, and Cloud Firestore served as our data storage solution.

Following a test-driven development approach, every API I created was subjected to comprehensive unit testing. This ensured robust and reliable functionality, allowing us to catch and fix issues early in the development cycle, thereby boosting the overall quality of our software solutions.

Micro-services integral to our application were hosted and run on Google Cloud Run. I utilized Docker for containerization, facilitating consistent environments and smooth deployments across different platforms.

Our codebase was hosted on GitHub, where I established CI/CD pipelines using GitHub Actions. This automated our deployment processes, thus enhancing efficiency and reducing the potential for human error.

Throughout my tenure, I utilized modern web technologies to deliver a superior user experience, increase web performance, and ensure the provision of top-notch, reliable web solutions.



Software Engineer

Upwork

Sep 2018 - Jun 2018 ()

As a freelance software developer, I took on a diverse array of projects, showcasing my flexibility and adaptability in handling different tech stacks and environments. I worked on several embedded systems projects, leveraging my knowledge and skills with Arduino, Raspberry Pi, and Espressif boards to create efficient and effective solutions for my clients. I was also heavily involved in web scraping projects, using Python to gather, analyze, and deliver valuable data for client applications.

Founder

Xarmad

Oct 2023 - Present (1 month)

I am in the process of building my personal website from the ground up. Every aspect, from database schema design and backend coding to continuous deployment and unit testing, has been executed by me. This endeavor serves as an excellent testament to my comprehensive understanding of Django and Google Cloud. As of now, I have implemented an authentication system that includes features like login, signup, email verification, and password management. I've also integrated two-factor authentication. My current focus is on developing the functionality to write blog posts. Subsequently, I will concentrate on enhancing the frontend aesthetics.

Education



University of Engineering and Technology, Taxila

Bachelor of Science, Electrical, Electronics and Communications Engineering

2014 - 2018

Skills

Django • Python (Programming Language) • Google Cloud Platform (GCP) • Docker Products • Rust (Programming Language) • C++ • C (Programming Language) • PostgreSQL • GitHub • JavaScript

Honors & Awards



Generative AI Challenge Winner - The Digital School

Jun 2023

In a competition organized by CodersHQ in collaboration with The Digital School, I developed a web application leveraging ChatGPT to streamline the process of generating lesson plans for teachers. I made sure to make the application as intuitive as possible. It also had the ability to fine tune the responses.