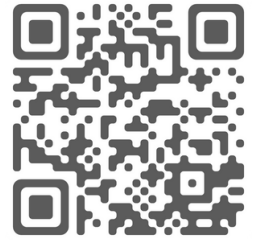sharmavikku14@gmail.com | +91-9467557440

VIVEK SHARMA

Senior Software Developer

Seeking a challenging role as a dynamic and results-driven Python Software Developer with three plus years of experience, aiming to contribute expertise in software development, drive innovation, and deliver exceptional results.

vikku14.github.io/portfolio23
www.linkedin.com/in/vivek-14

PROFESSIONAL SUMMARY

- Skilled software developer with 3+ years of experience.
- Specialized in Django, AWS Serverless, Kafka, GraphQL and Docker, Micro-Services.
- Led team of 5 members in developing impactful products.
- Passionate about crafting solutions that add value and enhance user experiences.

WORK EXPERIENCE

Sr. Software Developer & Team Lead | Credenc   Oct 2021 - present

Contributed to the development of three significant products that have made a tangible impact on the real world, enhancing the lives of end users and adding substantial value.

Fee Management System
- Conducted research and interviews across various domains for requirement gathering.
- Implemented database design using Django ORM with PostgreSQL, ensuring efficient data management for the product.
- Designed REST APIs for seamless integration using Django Rest Framework (DRF).
- Optimized business logic by utilizing aggregation database queries, resulting in a significant reduction of overall response time from 10 seconds to 500 milliseconds.
- Successfully integrated the Easebuzz Payment Gateway to facilitate secure transactions.
- Developed APIs for clients to automate student entries in the FMS.
- Introduced GraphQL to enhance the product's throughput and flexibility.
- Transitioned to a micro-services architecture using Apache Kafka (MSK) and AWS Lambda as the product expanded.
- Created a micro-service to send notifications via mobile message, email, or WhatsApp.
- Achieved a milestone of over 50 active clients utilizing the FMS, contributing to approximately 5 Lakhs in revenue.

FLEX Card
- Developed a Next Gen. PrePaid Card mobile App utilizing a micro-services Architecture.
- Designed the network infrastructure using VPC, including both public and private subnets.
- Utilized MSK (Apache Kafka) for inter-service communication within the architecture.
- Implemented Cassandra to efficiently record transactions and ensure data integrity.
- Integrated third-party services to offer comprehensive KYC solutions to end users.
- Engaged directly with end-users to address inquiries and provide support.
- Successfully onboarded 5000 active users onto the application.
- Achieved the launch of the MVP within a remarkable timeframe of just 4 months.

Credenc Academy
- Developed a comprehensive platform offering curated courses and aggregating various educational resources for students.
- Leveraged Docker to enhance portability, consistency, and scalability of the platform.
- Implemented Elasticsearch to optimize course search functionality, ensuring efficient and accurate results for users.

Backend Developer | Invoid   Jun 2021 - Oct 2021

- Collaborated business staff in the design, development, testing, implementation and production support of enterprise applications.
- Developed customer onboarding services featuring Digilocker integration to streamline the onboarding process.
- Explored serverless technologies such as AWS Lambda to enhance system efficiency and flexibility.
- Automated Lambda deployment using Jenkins and Git, optimizing the development workflow.
- Implemented monitoring systems with Slack integration to ensure system reliability and performance.
- Developed several services using Flask to meet specific project requirements.

Full Stack Developer | JDMR ISchool   May 2020 - Apr 2021

- Initiated involvement with real-world product development.
- Constructed a Content Management System (CMS) from the ground up using Django, comprising 8 Django apps.
- Guided a proficient team throughout the development lifecycle.
- Effectively deployed 2 products into production using Nginx.
- Facilitated the interview process for hiring purposes.

EDUCATION

2019- 2021
M. Tech in Computer Science   9.2 CGPA
PEC, CHANDIGARH

2015- 2019
B. Tech in Computer Science   8.5 CGPA
UIET, KURUKSHETRA UNIVERSITY

SKILLS

- OOPS Programming
- Django, Python
- HTML, CSS, JavaScript
- Postgresql, MongoDB
- 3D Modeling and Animation

- Kafka, Micro-services Sys.
- AWS Services
- Git & Docker
- GraphQL

- Communication
- Self-Motivation
- Team Leadership
- Creative Problem Solving