OWAIS MULTANI

SENIOR SOFTWARE ENGINEER

CONTACT

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📍 Indore, Madhya Pradesh, India

EXPERTISE

- Proficient in leading and managing teams of developers, and experienced in introducing agile processes and best practices to improve productivity and quality.

- Experienced in developing and managing multiple software products.

- Strong knowledge of cloud technologies such as AWS, Azure, and Linode, and experience with migrating between cloud platforms.

- Experienced in implementing and integrating third-party APIs and SDKs into the system architecture.

- Proficient in choosing the appropriate technology stack based on the business requirements.

- Skilled in creating high-level architecture diagrams, flowcharts, and documentation for the software systems.

SKILLS

Programming Languages:

Python

SQL

NoSQL

Tools:

Git

Docker

K8

Cloudflare

Frameworks:

React, Django, DRF, FastAPI, Flask, Celery, Airflow

Cloud Platforms: GCP, AWS, Azure

Operating Systems: Mac, Linux, Windows

PROFILE

Highly motivated and results-driven software engineer with over 4 years of experience in designing, developing, and deploying complex software applications. Proficient in multiple programming languages and frameworks, with expertise in cloud computing and agile development methodologies. Proven ability to lead and collaborate with cross-functional teams to deliver high-quality software solutions that meet business requirements and exceed user expectations.

WORK EXPERIENCE

Senior Software Engineer

Quantive (formerly gtmhub)   June 2022 - Present

- Manage and lead development of three products: Quantive Signals, Platform Intelligence, and Singularity, ensuring timely delivery and high-quality code.

- Migrated the Quantive Signals from AWS to Linode to Azure, making them cloud-agnostic.

- Overcame the OKR "cold start" challenge with the Platform Intelligence product, providing users with AI-powered suggestions for defining objectives and identifying required initiatives to achieve them.

- Demonstrated expertise in software architecture by designing and implementing a microservices architecture for the Singularity product, improving scalability and flexibility.

- Developed and implemented performance monitoring using Elastic APM and crash analytics using Sentry, ensuring the products run smoothly and minimizing downtime.

- Improved the user experience of the Quantive Results product by implementing AI-powered question answering, allowing users to quickly get the answers they need and improving overall productivity.

- Manage a team of 19 people, introduced agile processes using JIRA, and implemented automation testing using Playwright.

- Revamped the Cliff platform from Node.js to Django, rebranded it to Quantive Results, and enabled single-click deployment.

- Collaborated with the product team to generate innovative ideas and features, while working alongside cross-functional teams including design, engineering, DevOps, and machine learning to bring them to life.

Senior Software Engineer

Greendeck (acquired by Quantive)   Jan 2022 - June 2022

- Designed and directed software development process for developing one of the core module, an action orchestrator known as Cliff.ai

- Designed and directed software development process for developing another module, a complex event processing system known as CEP.

- Lead team of engineers and aligned cross-team functionality and communication to build numerous micro services.

- Trained interns and freshers to help them adapt with the technology stack used such as Flask/Fast API, Celery, Kafka, AWS lambda, Airflow and more.

- Worked with Co-founders to brainstorm new product release.

- Worked with the leading customer (Rakuten) to deploy Cliff and CPE on their premise and worked on removing vulnerabilities, code refactoring to meeting security, cloud, HA/DR compliance.

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EDUCATION

B.Tech
MIT Manipal
2015-2019
Automobile Engineering - 8.98 CGPA

High School
Advance Academy
2013-2015
PCM - 84.8%

AWARDS

- National Qualified Basketball Player.
- Diamond Jubilee Award for topper in Undergraduate all semesters.
- Shortlisted for best innovatation - smart helmet in Varroc Engineering Limited

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LANGUAGES

English - IELTS 7.0
Hindi - Native
Urdu - Native

WORK EXPERIENCE

Software Engineer
Quantive (formerly gtmhub)   June 2020 - Jan 2022

- Automated ETL processes across billions of rows of data which reduced manual workload by exponentially.
- Created CI/CD pipelines to automate the code build process
- Created highly scalable, highly robust and highly available python micro-services.
- Developed and improved logging and monitoring of existing systems.
- Conducted research and analysis to assist the teams deliver the highest quality products to our customers.
- Owned and managed the big data pipeline that collects more than 100 million items daily
- Used tools like Celery to create distributed data crunching systems and tools like Airflow to schedule and automate processes
- Deployed Serverless functions to process and manage data.
- Create and manage data pipelines using tools like Kafka, Celery.

Data Analyst and ML Engineer
Varroc Engineering Limited   Oct 2019 - June 2020

- Developed a machine learning model to predict the remaining useful life of starter motor and Li-ion battery.
- Conducted an accelerated life testing of B104D starter motor on BAJAJ Platina bike by modifying the crank profiles.
- Using the data collected, trained machine Learning model and deep learning model to predict the life of both starter motor and battery.
- Predicted the Remaining Useful Life of Li-ion battery and starter motor with and accuracy of 90.9% and 89.48% respectively

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INTERNSHIP

Indian Institute of Technology - Indore   Jan 2019 - May 2019

- Utilized CFD software and experimental analysis to compare the spray characteristics of various biodiesel options, with the goal of finding an optimal replacement for diesel. Also, designed and constructed a constant volume chamber for macroscopic analysis of Jatropha, Diesel, and methanol spray.

PROJECTS

- Designed and developed a Customer Feedback system with an easy-to-use admin panel for Fortune Group using Django. Implemented WhatsApp API to enable customers to receive and submit feedback via WhatsApp messaging.
- Created AWS Lambda functions for a client to extract data from a MySQL database and train their machine learning model using Python.
- Developed an automated business solution for invoice generation, email and whatsapp notifications, and real-time monitoring using Google Workspace and App Script.