

KUSHAL CHAURASIA

SENIOR SOFTWARE ENGINEER

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SUMMARY

Accomplished Full-Stack Developer specializing in backend technologies, particularly proficient in Django, FastAPI, and Python. Experienced in integrating data science libraries such as Pandas and D3.js for creating impactful, data-driven applications. Skilled in ReactJS and JavaScript for front-end development, with a primary focus on crafting efficient and high-performance backend systems. Possesses exposure to monitoring setups, AWS infrastructure, and NoSQL databases. Dedicated to delivering innovative solutions tailored to project needs.

TECHNICAL SKILLS

- Language - Python, Javascript, Golang
- Backend Framework - Django, Django Rest Framework, Fast API,
- Frontend technologies - Javascript React JS, jQuery
- Distributed technologies - Apache Kafka, RabbitMQ, Celery
- Deployment tools - Docker, AWS, Nginx
- Database - PostgreSQL, MySQL, Casandra, Dynamo DB, Solr, Elastic Search
- Version Control - Git
- Others - Prometheus, Influx DB, Redis, CSS

WORK HISTORY

Godeskless India Private Limited

📍 Pune, India

📅 Sep 2023 – present

Role: Lead Software Engineer

Project : Godeskless FSM

As the Lead Full-Stack Developer, I played a pivotal role in overseeing a team of 5 talented individuals. My primary responsibilities included not only managing and training team members but also actively collaborating with them to ensure the successful execution of projects.

Responsibilities :

- Led a team of 5 developers.
- Optimized core API, achieving performance enhancements of up to 90%.
- Enhanced security and compliance by refining the deployed stack and implementing rigorous security checks.
- Restructured websockets, reducing the number of active connections, and transitioned from utilizing two in-memory databases to one.
- Implemented cleanup scripts to ensure the smooth functioning of the server.
- Improved server performance through code optimization and ORM enhancements.

Technologies : Python,Django, Django Channels, Celery, Redis, Rabbit MQ, Bash Scripting, Nginx, Loki

Godeskless India Private Limited

📍 Pune, India

📅 July 2022 – Aug 2023

Role: Software Engineer

Project : Customer Experience Reimagine (Tata Motors)

Responsibilities :

- Led and orchestrated a 15-member team to successfully develop and deploy a complex application within stringent timeframes, maintaining impeccable delivery standards. Additionally, spearheaded a 5-member team, leveraging vast customer data for targeted marketing strategies, including segmentation, predictive analysis, cross-selling, and upselling initiatives.
- Managed scripting tasks for ETL processes and asynchronous functions using Pandas, SFTP, and Apache SOLR, enhancing system efficiency.
- Leveraged Python, Django-Restframework, SOLR, Postgresql DB, SOAP API, and REST API to architect robust and scalable solutions.
- Enhanced system performance by integrating FastAPI, improving data processing and response times.
- Implemented Kong gateway and custom plugins for OAuth authentication, ensuring robust security measures and streamlined API management.
- Conducted code reviews and mentored junior developers, improving code quality and adherence to best practices.
- Personally conducted proof of concept (POC) and led the development process from inception to production. Implemented microservices architecture to enhance system modularity and reduce dependencies, ensuring scalability and efficiency.

Technologies : Python, Django, Django Restframework, Fast API, Kong API Gateway, Solr, Pandas, Kafka

Intelerad Medical System Ltd

 Pune, India

 Dec 2021 - Jun 2022

Role: Software Engineer

Utilized Python and Go languages to develop software solutions aimed at automating deployment, monitoring, and server validation tasks, thereby streamlining operational processes and enhancing system reliability.

Responsibilities :

- Collaborated on building pipelines and setting up infrastructure to facilitate the smooth integration and delivery of software applications, ensuring the seamless rollout of new features.
- Employed Ansible for configuration management, automating routine tasks, and maintaining system consistency across various environments, contributing to operational efficiency and reliability.
- Leveraged Jenkins for implementing continuous integration and continuous delivery (CI/CD) processes, significantly reducing deployment time and increasing overall efficiency in software delivery.

Technologies : Golang, Prometheus, Docker, Bash Scripting, Docker, Python

Crelia Software Private Limited

 Pune, India

 May 2021 – Nov 2021

Role: Junior Software Engineer

Project : Creliahealth (LIMS)

As a Junior Software Engineer, I actively contributed to the development and maintenance of the Creliahealth product, working on both the backend and frontend using various technologies.


Responsibilities :


- Actively contributed to the development and maintenance of the Creliahealth product, working on both backend and frontend aspects using various technologies.
- Collaborated on backend development using Django, Flask, and FastAPI, and frontend interfaces with React.js, JavaScript, and Jinja, crafting user-friendly web applications.
- Successfully migrated backend code from Python 2.7 to 3.8, ensuring compatibility with the latest technology stack and enhancing system performance.
- Played a key role in implementing feature enhancements and bug fixes for the Creliahealth product, contributing to its overall functionality and user experience.

- Managed and optimized the Fusion web service built on FastAPI, enhancing its efficiency, reliability, and performance to meet organizational and customer demands.

Technologies : Python, Django, Flask, Fast API, Javascript, React JS, jQuery

Humming Sparrow Digital Solution

 Pune, India

 Oct 2020 – Apr 2021

Role: Software Engineer Intern

Project : Utkarsh Bharat

Played a pivotal role in developing various features as a Software Developer Intern at Uttkarsh Bharat Application, an early-stage startup, contributing to the transformation of the platform into a full-fledged social network.


Responsibilities :

- Developed and implemented one-to-one and group chat functionality, facilitating seamless communication among users. Designed the social network architecture to accommodate user profiles, posts, and connections.
- Created a Stories feature, empowering users to share ephemeral content and thereby enhancing user engagement and interaction on the platform.
- Successfully migrated backend code from Python 2.7 to 3.8, ensuring compatibility with the latest technology stack and enhancing system performance.
- Introduced support for Celery and Celery-Beat consumers, enabling the execution of periodic tasks for automated and scheduled processes, thereby optimizing platform functionality.
- Implemented websockets for real-time notifications and commenting, providing users with instant feedback and interactions. This enhancement significantly improved the overall user experience on the platform.

Technologies : Python, Django, Flask, Javascript,, jQuery, Celery

EDUCATION

Bachelor of Engineering (Computer)
Rabindranath Tagore University - 8.64 CGPA

 June 2017 - June 2021

CERTIFICATIONS

Apache Casandra: Everything You need to know
Udemy

Golang
Udemy

Web Application Technologies and Django
Coursera

Oracle and Android technology
Sofcon India Pvt.Ltd.
