kushagra gupta

Software Engineer

A versatile software engineer specialising in tools and platforms crucial for building, deploying and managing modern software systems. Leading a small team of 7 members. Experienced in GCP, Python, Angular, Docker.

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WORK EXPERIENCE

Engineer-II
Hudson Data Private Limited ↗

11/2019 - Present   *Gurugram*

Key Contributions/Responsibilities

- Implemented and integrated critical modules, ensuring alignment with project objectives & adherence to timelines.
- Executed software development tasks, including coding, debugging, and optimisation, to deliver high-performing & reliable software solutions.
- Collaborated with cross-functional teams to define requirements, prioritize tasks, & deliver high-quality solutions aligned with project objectives & timelines.
- Led the development of system flow and facilitated seamless interaction with backend services, ensuring smooth functionality & optimal user experience.
- Played a crutical role in enhancing the existing system by seamlessly incorporating new functionalities with minimal disruptions.

Software engineer
Cavisson Systems

10/2018 - 11/2019   *Noida*

Key Contributions/Responsibilities

- Spearheaded the creation of Python scripts for automation purposes, enhancing efficiency and reducing manual effort in various processes.
- Oversaw implementation of monitoring solutions for Netdiagnostics, ensuring performance and reliability.
- Played a key role in debugging application code to identify and address root causes of issues, ensuring seamless operation of critical systems.
- Installed, configured, and managed web applications on diverse platforms such as GCP and Openshift, ensuring smooth deployment and operation.
- Researched and developed of various features in different APM tools, to optimize monitoring capabilities within containerized environments.

EDUCATION

Bachelor of Technology (B.Tech)
Guru Gobind Singh Indraprastha University

08/2014 - 07/2018   *Noida*

Branch

- Computer Science

SKILLS

`Python` `Angular` `GRPC` `Linux` `GCP` `Django Rest Framework` `Docker` `FastApi` `Firebase` `Kubernetes` `Terraform` `Javascript(Typescript)` `CI/CD` `Postgres`

PROJECTS

Centurion (06/2021 - Present)

- A Fraud management system which can take real-time decisions based on configured rules to detect sophisticated fraud schemes by identifying patterns in data with minimal human intervention.
- Created end to end deployment pipeline for CI/CD (Rolling Updates) using Google Cloud build.
- Infrastructure design on GCP for multi-tenant application using Identity Platform.
- Integrated angular with react flow render library to reduce development time.
- Configured and integrated Apache pulsar messaging and streaming environment for real time decisioning.
- Experienced in developing Docker images and building configuration files for kubernetes engine.
- Techstack: Python, Angular, Django-drf, GKE, Firebase, Docker, Fastapi, Cloud Build, Apache Pulsar, Argo, Kong, Postgres, Prometheus, Opentelemetry.

FareX (08/2022 - 12/2023)

- A real-time flight prices and intelligent recommendations system which give insights on when to book flights.
- Created backend apis on fastapi to utilized advanced modeling algorithms to analyze and predict potential price fluctuations, enabling users to make informed decisions on flight bookings.
- Designed interactive trend charts displaying projected price trends for upcoming months, empowering users to plan their travel based on price predictions.
- Techstack: Python, Angular, Fastapi, Apigee, Cloud SQL, GKE, GCS, Firebase, Cloud Build, Cloud Functions.

Citrus (06/2020 - 06/2022)

- Curbside delivery eCommerce smartphone and web application system that automates and reduces efforts made by the customer to reach the order.
- Integrated stripe to accept payments.
- Enabled citrus to accept orders over carplay.
- Designed and enabled system to configure and connect to LAN printer to print receipts via citrus.
- Techstack: Angular, Firebase, Cloud Run, Cloud Functions, Secret Manager, GCS, Cloud Scheduler, Ionic