

SHIVAM GUPTA

Senior Software Engineer

📞 +91-9713897511 @guptashivam0507@gmail.com 🔗 linkedin.com/in/shivam0507/ 📍 Bengaluru

SUMMARY

Senior software engineer with 5+ years expertise in backend development, database design, and cloud solutions. Skilled in problem-solving, effective communication, and dedicated to fostering diversity and promoting equal opportunities.

SKILLS

Automation

AWS

AWS Cloud

Debugging

Design Patterns

EXCEL

flask

Git

HTML

Ionic

Java

Javascript

Lambda

Maven

node.js

Python

Spring Boot

MySQL

RESTful API

Docker

ElasticSearch

Kafka

Object-Oriented Programming

Serverless

VOLUNTEERING

App Developer

VCare Foundation (NGO)

📅 2019 - 2019

Developed hybrid web and Android applications featuring user registration, interactive dashboards, donation tracking, and patient scheduling. These applications ensure a seamless user experience and enhanced functionality.

Play store Link

<https://play.google.com/store/apps/details?id=io.ionic.vcare>.

EDUCATION

Bachelor Of Technology

Maulana Azad National Institute of Technology Bhopal

GPA
8.25 / 10

📅 07/2014 - 06/2018

📍 Bhopal

EXPERIENCE

Senior Software Engineer

Tradesun Inc (Fintech)

📅 04/2022 - Present 📍 Bengaluru, Ind

- **Core Extraction Engine Development:** Integral member of the technology team, collaborating closely with the CTO to develop the product's core 'extraction engine'.
- **Trade Rule Engine Innovation:** Revolutionized the trade rule engine using AWS services (Lambda, S3, DynamoDB) for seamless multi-page handling and distributed processing. This innovation optimized performance and significantly enhanced the customer experience.
- **Swift Parser Development:** Built a JAVA-based swift parser capable of reading swift files from any bank using a customized format. This enhancement increased accuracy and reliability in swift file processing.
- **OCR Pipeline Enhancement:** Improved the OCR pipeline built on Google OCR by creating comprehensive word dictionary indexes for better text highlighting. This update resulted in greater accuracy and reliability in OCR processing.
- **Architecture Redesign:** Played a pivotal role in redesigning the architecture of the entire page processing system using AWS cloud services. This redesign led to significant gains in efficiency, scalability, and overall system performance.
- **Data Normalization API Design:** Designed a data normalization API using NLP techniques and frameworks like Spacy. This ensured efficient processing and improved data quality for seamless integration across diverse platform.
- **Cost Optimization in Document Processing:** Led the optimization of the document processing architecture, achieving a remarkable 70% reduction in costs through strategic revamping initiatives.

Senior Associate Engineer

JP Morgan Chase India Services Pvt Ltd

📅 07/2018 - 03/2022 📍 Mumbai, India

- **Global Liquidity and Cash Management Transformation:** Worked on a transformation project for Global Liquidity, leveraging microservices architecture for enhanced scalability and modularity.
- **API Testing Automation Framework:** Developed an automation framework for API testing, working closely with engineering team members to analyze system loads and devise improvement plans.
- **Innovative Performance Improvements:** Implemented strategies that reduced average meta rates calculation time by 40%.
- **Production Support and Database Management:** Provided robust production support, ensuring seamless management of relational databases.
- **Bulk Data Re-certification Design:** Independently designed and built a comprehensive structure for bulk data re-certification.
- **Stream Processing and Batch Job Implementation:** Implemented rate calculation algorithms using Kafka Streams for real-time data processing and Spring Batch for scheduled batch processing.

Summer Technical Intern

JP Morgan Chase Ind Srv Pvt Ltd

📅 05/2017 - 07/2017 📍 Mumbai , India

- **Reconciliation Framework Development:** Developed a reconciliation framework (OCP-SDM Tool) that improved operations speed by 30%.
- **Full-stack Application Development:** Built both client-side and server-side applications and integrated them with mainstream applications using Single Sign-On (SSO) for permissions-based capabilities.
- **Process Automation:** Developed processes to automate tasks, resulting in a 40% increase in efficiency.
- **Adherence to Software Development Lifecycle (SDLC):** Followed the Software Development Lifecycle (SDLC) to guide projects from initial build to production. Ensured systematic development, testing, and deployment processes for successful project completion.