SHIVAM GUPTA

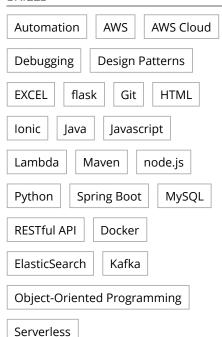
Senior Software Engineer

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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



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)

- **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

- **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

- **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.