Satyendra Singh

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TECHNICAL SKILLS

Programming Languages: Python, C++, JavaScript, GoLang, Java(Basic)
Libraries and Frameworks: Django, Unittest, React.js, FastAPI, MUI, Node.js
Tools: RabbitMQ, Celery, Redis, Git, Docker, Kubernetes, ELK, Jira, Confluence, GCP
Databases: PostgreSQL, MongoDB, ElasticSearch, SQLite, Django ORM, SQLAlchemy

WORK EXPERIENCE

Software Dev Engineer   Python—Django—Docker—FastAPI—RabbitMQ—Celery—GCP
Infilect Technologies, Bengaluru Karnataka, India   *September 2023 - Present*

- Architected and created a **Data Management Tool** with synchronous data validation and asynchronous data ingestion which is used to automate the ingestion of **100,000+ master data records** into databases.
- The tool performs data validation and maintains data integrity then ingests the data to the main databases reducing manual effort by **80%** and improving processing efficiency by **50%**
- Implemented data integration with third party clients to use our product **Infiviz** for Image recognition and generating valuable insights.
- Develeoped **Planogram** computation logic for efficient calculation of planogram compliance in the retail stores via image recognition providing **5x times** better visibility
- Implemented **Store Standardisation** workflow in our current product which increases the store visibility by **30%** using the historical store data and providing **actionable insights**

Software Engineer   Python—React—Django—Unittest—ELK
Crest Data, Ahmedabad Gujarat, India   *July 2022 - September 2023*

- Worked with a team of skilled developers to create and maintain schedulars, called taps, to extract data from data sources like **Amazon S3**, **Stripe** to DataWarehouses like **Snowflake**, **Google Cloud**.
- Enhanced a tool to migrate data from **Elastic Search** to **Splunk** by adding new features and latest version support. Link to the tool ELK to Splunk Migration
- Helped customers to migrate dashboards and visualizations from ELK to Splunk via the tool with **20x time reduction** and **90% cost saving**
- Partnered with **Service Now** organization to implement dashboard for analytics in their system which will help in reducing incident reporting and monitoring by **20%**

PROJECTS

Go OAuth   Github
Golang—Docker—GCP—React.js

- Designed and Developed a secure **OAuth 2.0** backend server using Golang, enabling seamless third-party authentication for a React.js frontend
- Integrated the system with **Google Cloud Platform (Cloud Run)** services for authentication and authorization, achieving **99.9%** uptime and scalability to handle thousands of requests per second

Tap-Runner Utility   Github
Python—Django—React.js—Docker

- Developed an innovative web app that automated the execution of integration code from GitHub, generating detailed reports on **10** key parameters for QA and development analysis, drastically improving project efficiency.

EDUCATION

L.D College Of Engineering   Ahmedabad, Gujarat, India
B.E Computer Engineering - 9.32 CGPA   *May 2018 - June 2022*
Aadarsh Mahavidyalaya   Gandhidham, Gujarat, India
10+2 State Board - 90.32%   *April 2016 - March 2018*

HONORS AND AWARDS

- **National Champs Robocon LDCE** for securing nation level win in Robotics competition - 2019
- **NCC B Certificate** for completing the B certificate Exam
- **ISHWARIBAI BUXANI Trophy** for securing District topper place 12th grade