Chirayu D.Yelane

Senior Consultant , StatusNeo

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Software developer offering 5 years of product based applications extensive experience and exceptional Analytical and critical thinking skills..Delivering a proactive approach, great workethic, and the ability to function will in fast-paced/deadline-driven team environments.

OBJECTIVE

- ➢ System Expertise – Flask, Django , Streamlit, Javascript ,Plotly Dash,React.js
- ➢ Actively involved in Data Analytics Component using Descriptive
- ➢ And Predictive approaches Using Pandas and Numpy.
- ➢ Strong Experience in Database SQL and MongoDB.
- ➢ Strong experience with agile project.
- ➢ Domain knowledge about Business Intelligence tools like Power BI.
- ➢ Created An Analytical Dashboard Handling Lots of Users
- ➢ Used front-end frameworks like javascript and react.js
- ➢ Api Integration through react.js

EXPERIENCE SUMMARY

Data Analytics Task

- ➢ Understand requirements and data representation for analytics components using Numpy and Pandas.
- ➢ Reviewed Data and Identified Key Performance Indicators before delivering to Client.
- ➢ Validating the data files from source to make sure correct data has been captured to be loaded to target tables.
- ➢ Used complex SQL query to map the source data and target data in terms of count, Datatypes, Length, constraint, mandatory, Null, Duplicate.
- ➢ Strong knowledge of Software Development Life Cycle (SDLC - Feasibility Requirements Analysis, Design, Testing, Implementation, Support).
- ➢ Created Analytical Dashboard from front end to Backend.
- ➢ Data Modelling and Filtering for Analytical Testing Purposes

Django Tasks
- ➢ Writing and Testing code, debugging programs.
- ➢ Very good experience in **Django, REST API ,Flask,FAST API**
- ➢ Integrating applications with third party web services
- ➢ Design and implementing low-latency, high availability and performance efficient application.
- ➢ Used **JIRA** as agile Project management tool.
- ➢ Implementation of security and data protection **using X-frame-Option Middleware.**
- ➢ Excellent Knowledge of Database Systems –**MongoDb, SQL server.**
- ➢ Extensive experience in developing **SQL** scripts to validate the databases tables and reports data for back end database testing.
- ➢ Proficient in troubleshooting database issues and experienced in using performance monitor/profiler to solve dead locks/ long running queries.
- ➢ Experience in RDBMS, Associated **SQL Programming** Knowledge.

- Create various types of Test reports and share with top management. Ex-Daily status report, Weekly status Report, Business Impact Report
- Excellent Knowledge in MS -Office (Word, Excel, PowerPoint), MS-Access.
- A very good team player with excellent Communication (Verbal and Technical), Presentation and reporting skill.

TECHNICAL SKILLS

Operating system	Windows-10
Front-End	Html 5,Css 3, Javascript,Plotly Dash,Streamlit,react.js
Back-End	Django, Flask, Jinja Templating
Tools	GIT, Jira, Tableau, Power Bi, jupyter
Domain knowledge	Finance, Telecom BSS, Fin Tech, Customer Loyalty Program
DataBases	MongoDB,Mysql,PostgreSql

EDUCATIONAL QUALIFICATION

- B.E in Computer Science from G.H.Raisoni College of Engineering(2019)
- Diploma in Computer Engineering(2016)
- Senior secondary School Class 10th(2012)

PROFESSIONAL EXPERIENCE SUMMARY

- Currently Working as Senior Consultant at StatusNeo Joined 31/03/2025
- Previously Worked as a Software Engineer at Springernature joined 16/10/2023 to 28/03/2025
- Previously Worked as a Senior Software Engineer with **Paytm Loyalty Operations** 06 June 2022 to 11 August 2023 .
- Previously Worked as a Software Engineer in Payas Systems Private limited,Pune from August 29 2019 to 20 April 2022

Project 1: CIRI (Mar 2025 – Present)
Tech Stack: Python, FastAPI, Azure OpenAI, RAG, Milvus, Docker, CI/CD (GitHub Actions), Pytest, Azure
Key Areas: LLM Integration, RAG Pipeline, Vector Search, Scalable APIs
Description:
Designed and deployed an enterprise-grade incident classification system powered by Azure OpenAI and Retrieval-Augmented Generation (RAG). The service enables embedding-based similarity search via Milvus, supports on-demand and batch classification workflows, and integrates with CI/CD pipelines for automated deployments.

Roles & Responsibilities:
- Developed and tested FastAPI microservices with robust CI/CD integration.
- Integrated Azure OpenAI for generating context-aware incident classifications.
- Configured Milvus vector DB for high-speed semantic search.
- Resolved embedding load/initialization and environment variable issues.
- Ensured cloud deployment compatibility through automated validation scripts.
- Developed test suites using pytest and unittest ensuring 90%+ coverage.

Project 2: Storage Connector (Apr 2025 – Present)
Tech Stack: Python, Azure Blob Storage, Tenacity, Logging, Bitbucket, OOP Patterns
Key Areas: Reusable Python Libraries, Cloud Storage Abstraction, Enterprise-Ready Tooling
Description:
Architected a Python-based, extensible cloud storage connector tailored for Azure Blob. Designed for enterprise pipelines to upload/download/search files with robust error handling and retry logic.
Roles & Responsibilities:
- Built a modular connector package supporting Azure Blob operations (upload, list, search).
- Applied the Abstract Factory pattern for future extensibility (e.g., AWS S3, GCP GCS).
- Integrated tenacity for retry mechanisms and added structured enterprise-grade logging.
- Wrote unit and integration tests with mocking frameworks for pipeline validation.
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Project 3: Knowledge Graph (Oct 2023 – Present)
Tech Stack: FastAPI, RDF, SPARQL, Python, ML, Graph Embeddings, Ontologies
Key Areas: Graph Databases, Semantic Web, ML Integration, API-First Design
Description:
Led development of a scalable knowledge graph platform to connect unstructured data using FastAPI. Enriched graph datasets via ontology-based modeling and machine learning.
Roles & Responsibilities:
- Built FastAPI-based REST APIs to interact with the graph backend and serve semantic queries.
- Designed graph schemas (RDF, property graphs) to model complex domain knowledge.
- Integrated ML modules for entity extraction, graph enrichment, and insights generation.
- Encoded business rules using ontologies and logic-based inference.
- Collaborated with data science and backend teams for graph ingestion workflows.
- Created end-to-end documentation for API and ontology usage.

Project 4: Journal Abstraction & Indexing (Oct 2023 – Present)
Tech Stack: Django, MySQL, GCP (GCS), HTML/CSS, JS, Plotly Dash, AJAX, Tableau
Key Areas: Full-Stack Web Dev, Cloud Storage, Dashboarding, Data Indexing
Description:
Developed an end-to-end Django-based journal management platform, allowing users to search, subscribe, and analyze journal data. Enabled scalable cloud storage on GCP and built interactive dashboards using Plotly and Tableau.
Roles & Responsibilities:
- Built Django APIs to manage journal metadata, subscriptions, and search queries.
- Implemented abstraction algorithms to extract key sections from PDF articles.
- Managed document uploads/downloads via GCS, integrating access control.
- Created dynamic dashboards using Plotly Dash and embedded Tableau visualizations.
- Developed user roles and access management with Django Auth.
- Designed responsive UIs with AJAX and HTML5.

Project 5: Paytm m'Loyal – Customer Loyalty Platform (Jun 2022 – Aug 2023)
Tech Stack: Django, React.js, Flask, Tableau, Plotly, MySQL, MongoDB, JIRA, ALM
Key Areas: Loyalty Programs, BI Reporting, Web API Design
Description:
Contributed to a mobile-first loyalty and CRM analytics platform for retail customers. Designed scalable Django APIs, integrated visualization layers, and ensured robust frontend UX.
Roles & Responsibilities:
- Built Django APIs and dashboards to handle customer engagement, transactions, and loyalty metrics.
- Created dynamic React-based frontend with validation and visual insights.
- Integrated Tableau for enterprise-level BI reporting and user-specific views.
- Used Plotly to develop visual representations of KPIs and campaign success metrics.
- Collaborated with QA and BA teams; resolved issues using JIRA and ALM workflows.
- Integrated Flask-based microservices for OTP and secure login functionalities.

Project 6: Loyalty Campaign Dashboard (Dec 2022 – Aug 2023)
Tech Stack: Python, MongoDB, Plotly, Pandas
Key Areas: ROI Analytics, Campaign Tracking
Description:
Created a dashboard analytics tool for assessing the effectiveness of marketing campaigns and loyalty offers.
Roles & Responsibilities:
- Extracted and transformed MongoDB data for visual analytics.
- Developed filters, datatables, bar/pie charts for business insight delivery.
- Enabled campaign performance tracking and real-time data updates for users.

Project 7: Loan Prediction using Machine Learning (Mar 2021 – Apr 2022)
Tech Stack: Python, FastAPI, Pickle, Scikit-learn, Seaborn, JIRA, ALM
Key Areas: ML Model Deployment, API Development, Data Visualization
Description:
Delivered an ML-based loan eligibility platform using FastAPI for real-time predictions on applicant data.
Roles & Responsibilities:
- Trained classification models and serialized them using pickle.
- Developed FastAPI-based APIs for prediction requests with Pydantic validation.
- Visualized prediction results and historical trends using Seaborn.
- Integrated APIs into a web interface for end-user input.
- Conducted bug tracking via JIRA and coordinated daily with technical managers.

Project 8: Utility Billing System (Oct 2019 – Jan 2021)
Tech Stack: Django, PostgreSQL, REST APIs
Key Areas: Utility Billing, Template Management, CRUD APIs
Description:
Developed a cloud-hosted billing management platform for multiple sectors with highly customizable billing APIs.
Roles & Responsibilities:
- Designed invoice templates using Django templating system.
- Built dynamic Django models to support billing variations.
- Performed regression testing, CRUD operations, and client interactions for feedback and enhancements.

PERSONAL DETAILS:

Father's Name:	Mr. Dilip H. Yelane
Mother's Name:	Mrs. Lata D. Yelne
Gender:	Male
Languages Known:	English, Hindi & Marathi
Date of Birth:	8 May 1994
Current Address:	Flat no 301 sai mangalam recedency ring road,Gondia

Place: - Gondia