PRUTHVI M JAVALI

+91-9481521183 Bengaluru, India pruthvi182001@gmail.com linkedin.com/in/pruthvimjavali

EDUCATION

Dayanand Sagar College of Engineering, Bangalore **Aug 2019 - May 2023**
Bachelor of Engineering in Computer Science CGPA: 9.02

TECHNICAL SKILLS

Programming Languages: Python, C#, .NET, SQL, Bash
Data Science and ML : NumPy, Pandas, Scikit-learn, TensorFlow, Power BI, Tableau, Matplotlib, Seaborn
DevOps & CI/CD: Terraform, Jenkins, GitHub Actions, Git, Visual Studio
Cloud & Big Data: Apache Spark (PySpark), Kubernetes, Docker, Azure, GCP, Hadoop
Databases: MS-SQL, Data Lakes, Cassandra, MySQL Workbench
Certifications: AZ-900, Google Cloud Architecting, IBM Python for Data Science
Courses: Python for Data Science and Machine Learning Bootcamp (Udemy)

EXPERIENCE

Software Engineer **Oct 2024 - Present**
London Stock Exchange Group (LSEG) *Bangalore, India*

- Engineered **ETL workflows** to automate data migration, reducing manual effort by **50%**.
- Collaborated with data teams to **optimize SQL queries** and indexing strategies, improving data retrieval times by 35%.
- Designed and maintained **RPA bots** for data transformation, analysis, and reporting, saving **200+ hours per month**.

Technology Graduate Engineer **Aug 2023 - Sep 2024**
London Stock Exchange Group (LSEG) *Bangalore, India*

- Led migration of **5TB+ legacy data** into modern systems using **.NET Console Apps**, ensuring **99.9% data accuracy**.
- Built automation scripts in Python for **data cleansing and transformation**, improving migration efficiency by **30%**.
- Designed **Kofax RPA bots** for automated data extraction and reporting, reducing error rates by **40%**.

Technology Intern **Jan 2023 - July 2023**
iManage *Bangalore, India*

- Performed manual testing for multiple application features, identifying and documenting **100+ defects**.
- Automated **regression testing** with Python, reducing testing cycles by 20%.
- Developed Python scripts for **log analysis**, identifying key system issues and reducing debugging time by **15%**.

PROJECTS

Predictive Customer Churn Analysis
Technologies: Python, Scikit-learn, XGBoost, SHAP, Flask, Streamlit

- Leveraged **XGBoost and SHAP values** to interpret model predictions, identifying top **3 customer churn factors**. .
- Improved churn model accuracy to **85%**, enabling data-driven retention strategies.

Metadata Management System for Big Data
Technologies: Apache Cassandra, Elasticsearch, Kibana, Flask, HTML, CSS, JavaScript

- Developed a **Hadoop-based metadata management prototype** using Apache Cassandra, Elasticsearch, and Kibana.
- Integrated Elasticsearch and Kibana for real-time indexing and visualization, improving performance by **35%**.
- Built a web interface using **Flask, JavaScript, and HTML/CSS** to visualize metadata.

LEADERSHIP & ACHIEVEMENTS

- Cleared the **National Defence Academy** (NDA) exam on two separate occasions and reached the final interview round at AFSB-1 Dehradun, where only **20%** of candidates proceeded. .
- Led **TEDx DSCE** as Production Head, managing logistics and technical setups for 200+ attendees.