SAYALI SALUNKHE

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EXPERIENCE SUMMARY

- I have 1.8 year of experience as Programmer Analyst in Cognizant Technology Solutions and 1+ years of experience in Internship as Data Scientist.
- A Data Scientist proficient in Data analytics, Visualization & Model Development with experience in using machine learning algorithms, Deep Learning, NLP & Computer Vision techniques to solve challenging industry problems.
- Seeking to apply for the position of Data Scientist with excellent understanding of data science to build models that translate data points into business insights.

WORK EXPERIENCE

Data Science Intern, Lets Grow More   *Sept 23-Present*
- Working on NLP, Computer Vision and Machine Learning based Projects.

Full Stack Data Science Bootcamp, OdinSchool   *Feb 23-Sept 23*
- Enrolled in Full stack Data science bootcamp to upskill with industry standards.
- Learning technical skills like Python, Spark, MySQL, Machine learning, Azure Databricks
- Courses: Python, Statistics, Data Analysis & Visualization, SQL & Analytics, Machine Learning
- Highlights: 500+ hours of coursework, coding assignments, projects (EDA, ML, Pyspark)
- Certificate ID-O4gQIBA4O0

Career Break   *Oct 21 - Dec 22*
- Transitioning out of career break due to maternity and parenting of my son who is now two years old.
- I am mastering "**Natural Language Processing**" in my career break for professional development. Proactively pursued certifications through remote learning and freelanced projects in the field artificial intelligence, succeeding through outstanding self-management skills and strong ability to focus.

Project Intern, iNeuron.ai| Remote   *Sept 20 - Sept 21*
- Worked on detection of different types of **Cancer Cells** in histopathological image using State-of-the-art computer vision methods. It can help to automate the diagnostic pathology workflow and reduce analysis time.
- Developed end to end different Classification Models for better diagnosis.
- Module creation for prediction using multiple trained models and making it user friendly.
- Ineuron Internsip Work

Machine Learning Intern, Applied AI |Remote   *Aug 19 - Aug 20*
- Knowledge in building applications with Artificial Intelligence, Machine Learning, Deep Learning, Recurrent Neural Network, Computer vision, NLP and Python.
- Worked on Deployment and optimization of various projects computer vision, Machine learning and NLP solution on web-based application, Azure platform.
- Designing neural networks using TensorFlow for various internal projects and worked on creation of different Chatbots using NLP.
- Internship Work

Programmer Analyst, Cognizant Technology Solutions | Pune, India   *Feb 18 - Aug 19*
- Develop, test, analyze and maintain new software applications in support of the achievement of business requirements.
- Research, design, document, and modify software specifications throughout the software development production life cycle.
- Skill Used**: Python, MySQL**

TECHNICAL SKILLS

- **Languages/Tools**: Python, SQL, Git,Pyspark
- **Libraries/Frameworks**: TensorFlow, Scikit-Learn, Pandas, NumPy, Beautiful Soup, Matplotlib
- **Machine Learning**: Covariance matrix optimization, Classification (Random Forest, KNN, SVM), Regression Modeling (linear, sparse, logistic, regularized), Principal Component Analysis (PCA, PCR, sparse PCA), clustering (K-means)
- **Cloud Platform**: GCP, AWS, Microsoft Azure Databricks

PROJECTS

Classic Model Sales Analysis Dashboard *Aug'23*
- Main goal is to provide insights from the Project Classic Model Car sales data.
- Imported the Data to **Power BI** Desktop from MySQL Database.
- Performed necessary transformation in Power query editor. Created relationship in Data Modelling and then performed Data Analysis and plotted visuals to show the insight from the Data.
- [Dashboard Link](#)

Fine-Tune a Generative AI Model for Dialogue Summarization *Aug23-Present*
- Fine-tune an existing **LLM** from Hugging Face for enhanced dialogue summarization
- Set the FLAN-T5 model, which provides a high-quality instruction tuned model and can summarize text out of the box.
- Perform Parameter Efficient Fine-Tuning (**PEFT**), evaluate the resulting model and see that the benefits of PEFT outweigh the slightly-lower performance metrics.

Building End to End ML model for Production *Jul 23-Aug 23*
- To build complete project structure for End-to-End Data Science Projects (For Production)
- Building CI/CD pipelines and deploy ML model on different cloud platforms.
- [ML Project](#)

Uber Data Analytics *Jun 23-Jun 23*
- The goal of this project is to perform data analytics on Uber data using various tools and technologies, including GCP Storage, Python, Compute Instance, Mage Data Pipeline Tool, Big Query, and Looker Studio.
- [UBER-Data-Analytics](#)

Real or Not? NLP with Disaster Tweets *Jan 20 - Feb 20*
- Participated in Live Kaggle Competition Top 15% build a NLP model that predicts which Tweets are about real disasters and which one's aren't.
- Technology used: NLP fastai , Keras, BERT.
- **[NLP-Projects](#)**

EDUCATION

College of Engineering Pune, Pune *July 2015 - July 2017*
- *Master of Technology: Electrical* — **CGPA : 8.96/10**

Pune Institute of Computer Technology, Pune *July 2010 - July 2014*
- *Bachelor of Engineering: Electronics and Telecommunication* — **Distinction:** 71.6 %

MSBSHSE Board, KTHM College, Nashik *July 2008 - May 2010*
- *HSC - Science* — *86.70%*

ACHIEVEMENTS AND CERTIFICATIONS

- [Generative AI with LLM](#)
- [Microsoft Azure for Data Engineering](#)
- [5 star Hacker Rank Profile](#)
- [Testdome Python and SQL skill test certifications](#)
- [Google Generative AI Learning Path](#)
- Graduate Level course from **Stanford cs224n**: Natural Language Processing
- GATE 2015 Qualified