Shrey **Dabhi**

Big Data · Full Stack Development · Machine Learning

✉ shrey.dabhi23@gmail.com | 🏠 sdabhi23.github.io | sdabhi23 | sdabhi23 | 🐦 @sdabhi23

Summary

A passionate self-taught developer, with a knack for creating engaging user experiences and performant systems. Able to effectively leverage recent and emerging technologies to achieve the required functionalities.

Skills

Languages	Python, SQL, JavaScript
ML / DL	NumPy, Scikit-Learn, Tensorflow
Web Dev	Django, Flask, React
Data Viz	Matplotlib, Seaborn, Superset

Employment History

DoctorC   *Hyderabad, Telangana*
SOFTWARE ENGINEER   *Jul 2021 - Present*
- Building systems to analyse and manage data at scale
- Responsible for all analytics pipelines, dashboards and experiments
- **Tools & Tech:** SQL, Python, React, DBT, Postgres

Optum   *Hyderabad, Telangana*
SOFTWARE ENGINEER   *Jul 2020 - Jul 2021*
- Migrated a set of batch jobs from mainframe to big data environment which lead to savings in operational costs
- Developed a tool to load binary data exported from mainframe systems into any modern database using Python
- **Tools & Tech:** Python, Spark SQL, Scala, Oozie, Kubernetes, Hadoop

Internships

Robert Bosch Engineering and Business Solutions   *Bengaluru, Karnataka*
PROJECT TRAINEE   *Jan 2020 - Jun 2020*

LetsNurture Infotech   *Ahmedabad, Gujarat*
SOFTWARE ENGINEERING TRAINEE   *May 2019 - Jul 2019*

Taaraka Technologies   *Ahmedabad, Gujarat*
MACHINE LEARNING INTERN   *Dec 2018 - Feb 2019*

Hasura Technologies   *Remote*
PRODUCT DEVELOPMENT FELLOW   *Dec 2017 - Feb 2018*

Education

Institute of Technology, Nirma University   *Gujarat, India*
B.TECH. IN INFORMATION TECHNOLOGY   *August 2016 - July 2020*
- CGPA: 8.12 / 10

Research Papers

Eigenvector Component Calculation Speedup over NumPy for High-Performance Computing   *Feb 2020*
SHREY DABHI AND MANOJKUMAR PARMAR
- Available on SpringerLink and arXiv
- Presented at 8th International Conference on Recent Trends in Computing (ICRTC 2020)

Virtual SAR: A Synthetic Dataset for Deep Learning based Speckle Noise Reduction Algorithms *Apr 2020*

Shrey Dabhi, Kartavya Soni, Utkarsh Patel, Priyanka Sharma and Manojkumar Parmar

• Paper available on arXiv and dataset available on IEEE DataPort

NodeNet: A Graph Regularised Neural Network for Node Classification *Jun 2020*

Shrey Dabhi and Manojkumar Parmar

• Available on arXiv

Projects

bsedata

Open-source *Jun 2018 - Present*

• A Python library for extracting real-time data from Bombay Stock Exchange (India)
• PyPI: https://pypi.org/project/bsedata/

Django JWT Auth Server

Open-source *Aug 2019 - Dec 2019*

• Improved efficiency of existing denoising using CNN. Successfully implemented residual learning networks

Count'em All

Hackathon | Jamstack Hack 2018 | 2nd Runner Up *Nov 2018 - Dec 2018*

• A simple app to count the number of people attending a gathering with the help of machine learning

Twitter Clone

Internship *Nov 2017 - Dec 2017*

• A replica of the user interface of Twitter's Android app with mock / hard-coded data whereever required

Courses

Jun 2020 **Deep Learning Specialization,** by deeplearning.ai

Aug 2019 **Secure and Private AI,** by Facebook

Feb 2019 **Machine Learning,** by Stanford University

Dec 2018 **Getting Started with Google Kubernetes Engine,** by Google Cloud