DHRUVIL SHAH

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Experience

Associate Engineer July 2022 – Present

Integral Ad Science

- Facilitates the creation of engineering plans and designs. Conduct engineering practice and technique research and analysis.
- Implemented and improved features in collaboration with architects and backend developers
- Developed and delivered two product epics (large bodies of work that can be broken down into a number of smaller stories, or sometimes referred to as "Issues") that were prioritized. The epics involved UI, backend, looker, and ETL development
- Create models, and views in Looker. Helping to boost self-service by enhancing Integral Platform, a client-facing reporting solution. Making the Enterprise Reporting Service offer data insights
- Developed a number of innovative projects through company hackathons centered on developer efficiency

IAS Scholar Aug 2021 – May 2022

Integral Ad Science

- Worked on a project titled "AI-based IAS Chatbot" with the "Engineering Function" and worked closely with different team members to learn more about the company
- Developed Cypress test cases for the user interface (UI) of the dashboards and report builder and integrated them with the pull request pipeline, which assisted in addressing the pain points that developers and QA engineers face when testing an application.
- Created the UI for one of the report types, as well as some other UI work on the dashboards used by the clients
- Investigated and implemented how new roles with limited rights could be introduced in dashboards

Research and Development Intern Feb 2021 – Mar 2021

Blowout Technologies

- Provided insights on the different event APIs such as Facebook Event API
- Integrated the same API with the Blowout App
- Worked on testing of the Blowout App

Data Science Intern Jan 2021 – Feb 2021

Technocolabs build with AI

- Worked on a Data Science project for the company on various domains of tasks such as Data Analysis, Data Manipulations, Data Classifications techniques, Data visualization, and Data Science project deployment.

Research Intern Nov 2020 – Nov 2020

MedTourEasy

- Experienced the hands-on working of a Research Professional and worked under the supervision of a project mentor developed the project entitled "Market Research and Visualization".

Education

Modern Education Society's College of Engineering Pune Aug 2018 – July 2022

Bachelor of Engineering(B.E), in Computer Engineering, CGPA : 9.55

S.M.Choksey High School and Junior College,Pune Aug 2016 – June 2018

Higher Secondary Certificate, Percentage: 88.31

ST.Vincents High School, Pune June 2006 – May 2016

Secondary School Certificate, Percentage: 94.2

Achievements & Awards

- Completed the Google Foo Bar Challenge (06/2020 - 07/2020)
- A 4-star (1947) coder at Codechef. [1]

[1] https://www.codechef.com/users/d$_{s2}$803

Technical Skills

Languages: C, C++, Python, JavaScript, LookML, Java, Structured Query Language
Frameworks: Tensorflow, Pytorch, React, Node.js, Flask, Django, Cypress, Angular
Developer Tools: Git, Amazon Web Services, Google Cloud Platform, Snowflake, Looker
Libraries: pandas, scikit-learn, NumPy, Matplotlib

Projects

JusTalk | *Java, Firebase*

- JusTalk is a Firebase-based Android Open-Source app For developers to refer to in case they want to integrate Chatting capabilities into their application. Users can search for other users and notifications will be sent when the users chat with each other. Feel free to check the app and contribute.

Detection of COVID-19 using X-Rays | *Python*

- A machine learning model that uses NumPy and computer vision to determine whether an X-ray is normal, virally infected, or COVID-affected.

Anomaly Detection of Time Series | *Python*

- Anomaly detection problem for time series refers to finding outlier data points relative to some standard or usual signal

HTML Realtime Editor | *HTML, CSS, JavaScript*

- This website is developed to ease the compilation of HTML codes. In this editor, users can directly see the effects of the change in their code on the side screen, which is beneficial for the user. This editor is also user-friendly, making the user more enthusiastic and developing the habit of coding. An interactive editor always creates curiosity to learn and explore new things.

Spotify Skip Prediction | *Python*

- The goal of the app is to predict the likelihood of a user skipping any given song during a listening session.

The Battle of NeighbourHoods | *Python*

- Using NumPy and pandas, the model has identified various neighborhoods in the city of Banglore that, given the area's population, annual family income, etc., have the best likelihood of welcoming a new restaurant.

Positions of Responsibility

- Finance Core, Google Developer Student Clubs | *Aug 2020 - July 2021*
  - As a member of the Core Committee, helped the DSC Lead plan various club events. As the Finance Core, managed the club's finances and got sponsorship for the events with the assistance of the other Core members.
- Campus Influencer, GoogleCrowdSource | *Feb 2020 - Jan 2021*
  - Along with other influencers, organized a number of events at our university that encourage students to broaden their horizons and participate in open source.
- Technical Lead, Script Foundation Pune | *Aug 2020 - Jan 2021*
  - Coordinated with the chapter lead to plan different foundation-sponsored activities. managed the technical issues, such as hosting events and creating the foundation website

Publications

Sudesh Pawar, **Dhruvil Shah**, Soham Khade
"Anomaly Detection in Time Series Data of Sensex and Nifty50 With Keras"
2021 International Conference on Emerging Smart Computing and Informatics (ESCI), IEEE

Dhruvil Shah, Soham Khade, Gaurav Verma, Vaquar Shaikh, Rubeena Khan
"Image Captioning using Neural Networks"
International Journal of Advanced Research in Science, Communication, and Technology (IJARSCT)