SOURABH LIGADE

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EDUCATION

BSC IN STATISTICS
ABASAHEB GARWARE COLLEGE,PUNE
Pune,India | May-2022
70.86%

HIGHER SECONDARY (HSC)
LAXMANRAO APTE JUNIOR COLLEGE,PUNE
Pune,India | May-2018
64%

SECONDARY (SSC)
ST.JOSEPH'S BOYS HIGH SCHOOL,PUNE
Pune,India | May-2016
85.20%

SKILLS

PROGRAMMING
Languages
•Python •Javascript •SQL
•MySQL •HTML •CSS

FRAMEWORKS
•DJANGO(ORM | EXTENSIONS)
•REST •Numpy •Flask •Pandas

DEVOPS
•Docker •Git •Github
•Gunicorn •Whitenoise

COURSEWORK
•Data Structures and Algorithms
•Machine Learning •AI
•System Design •Statistics

ACHIEVEMENTS
•Bronze Pull Shark(Github Open
 Source Contributions)
•State Level Footballer
•Athletics at Competitive level

LINKS
•Linkedin •Github •Blogs

PROJECTS

Wormyreads.com : FULL-STACK DJANGO APPLICATION WITH REVIEW, WISHLIST AND USER AUTHENTICATION
Pune,India | Feb 2024 - Present

- Developed and maintained a complex web application using **Python**, Django, and related technologies, resulting in a **25% increase** in user engagement and a **20% improvement** in platform functionality.
- Implemented custom Python code to extend **Django** application, resulting in a **30% reduction** in development time and a **15% increase** in overall code quality.
- Designed **RESTful web services** and **API**s, resulting in a **25% increase** in application functionality and a **20% reduction** in development time.
- Optimized and implemented a highly scalable database schema and data model, supporting a **50% increase** in user base and a **35% reduction** in system downtime.
- Debugged and troubleshot existing code, identifying and addressing performance bottlenecks and minimizing **production issues by 30%.**
- **Tech Stack: PYTHON | DJANGO | JAVASCRIPT | POSTGRESQL DJANGO REST FRAMEWORK | HTML | CSS DJANGO-EXTENSIONS | ENVIRONS | PILLOW GUNICORN | WHITENOISE**

OPEN-SOURCE CONTRIBUTIONS(Contributions)
- Apple Inc. - Webkit | Microsoft - Data Science for Beginners | Facebook - IOS-SDK | PyTorch | OpenAi

DIALECT DECODED:PRECISION ANALYSIS AND STATISTICAL DEEP DIVE INTO LANGUAGE PLATFORMS
Pune,India | JUN 2023

- Emphasizing the practical application of **statistical analysis** in assessing the precision of **five translation platforms** (**Google, Microsoft Bing**, Yandex, Lingnavex, Translateking) across t**hree distinct languages** (English, Marathi, Hindi).
- A comprehensive **dataset of 6000 sentences** was meticulously curated using a **Random Sentence Generator,** encompassing a discerning assessment of **10 distinct categories of errors**.
- Employed formidable **statistical methodologies** including the Box-Cox Method, **Completely Randomized Design (CRD)**, Fisher's exact test, and the potent Pareto (80-20) principle.
- **Tech Stack-PYTHON | R-SOFTWARE | MICROSOFT EXCEL**

Blogs.com: PERSONAL BLOGGING WEBSITE VIA DJANGO
Pune, India | FEB 2023

- Dynamic blogging platform, leveraging **Django** to craft a fully functional website. Enhanced global accessibility by **deploying** on **PythonAnywhere**.
- Architected a scalable database, accommodating a **50% surge** in **user base** while **minimizing system downtime by 35%.**
- Rigorously debugged and refined the codebase reducing **production issues by 30%.**