Shreyank Karjigi
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EDUCATION

Ramrao Adik Institute of Technology, Mumbai University	**Mumbai, India**
• **Bachelors In Engineering in Information Technology (6.95 CGPA / 65.31%)**	**Aug. 2016 – July 2021**
• **Currently pursuing Advanced Certification in Software Engineering for Cloud, Blockchain & IoT from IIT Madras through Great Learning (2021-22)**	
• **12th CBSE,2016**	**60%**
• **10th CBSE,2014**	**70%**

EXPERIENCE

Reliance Industries Limited, Ghansoli, Navi Mumbai (Intern)(Reliance Jio , E&P , Hydrocarbon)	**Dec 2018-July 2019**

Reliance Jio Ltd.: Researched & developed project on Blockchain Technology to digitize voting system.

Reliance E&P: Worked with data analytics & live data to predict hydraulic leakages in underwater pipelines. It Involved generating graphs & plots from data using R programming.

Reliance Hydrocarbon: Learnt basics of Android Development and developed a basic application demonstrating fetching data using HTTP requests and JSON parsing & displaying them using RecylerView.

ACADEMIC PROJECTS

System for appropriation & Management of vehicular spare parts (FLASK Ecommerce WebApp)

- Developing a system where vehicular spare parts can be sold & purchased easily specially in Indian market. System is being developed as a fully responsive **Ecommerce web application** on **python flask framework.**
- Project integrated **Stripe API** for payments
- For database, **PostgreSQL** is being used along with **Scalingo** for deployment.
  Technologies used: Python, Flask, HTML5, CSS3, JS, Git, Scalingo, SqlAlchemy, Twilio, Google dialogflow engine & Heroku, Stripe.

WhatsApp Integrated Chatbot for Covid-19 Pandemic

- Developed WhatsApp integrated **chatbot** that helped people in covid-19 pandemic by providing information like facts, myths, finding nearby hospitals/testing centers etc.
- Chatbot included symptom diagnosing algorithm that takes user symptom and matches it with those of viral & covid and suggests appropriate measure to users.
  Technologies used: Twilio, Google dialogflow engine, python 3, Git & Heroku, Flask.

Project Astra

- Project Astra is a space-oriented website built on python flask framework that uses NASA API & ISS API to get photos from mars rover and also track live location of international space station.
- Main goal was to work with API and make website fully responsive to various screen sizes.
- **Technologies used:** API handling, HTML5, CSS3, FLASK, Bootstrap, Flexbox, JS.

Invoice generator

- Built a ground up invoice generator for a company to automate their bill generation system.
- **Technologies used:** HTML5, CSS3, FLASK, Bootstrap, Flexbox, Pypdf.

Web Builder projects

1.Millenium clinic

- Developed a website on WIX for a clinic, main aim of website was to showcase the clinic along with feature to have online booking and video consultation.

SKILLS

- Programming Languages & Databases**:** Python (Core), JS(Foundation) SQL, MySQL, Postgres, Basic DS, SOLID Design Principles.
- **Web technologies:**
- **Front End:** HTML, CSS, JS, Bootstrap, Mobile responsive designing**.**
- **Backend:** Python Flask Framework, NodeJS (Beginner).
- **Version Control & Deployment**: Git, GitHub, Heroku, Scalingo.

Paper and Copyrights

- Pre-print on **WhatsApp integrated chatbot**, published on **ResearchGate**.
- Pre-print on **Voting using blockchain technology**, published on **ResearchGate**
- IEEE paper on **System for appropriation & Management of vehicular spare parts.**

Courses & Certification

1.Python 3 master course, Code with Mosh Hamedani.
2.Python 3: Hackerrank certified.
3.Master JavaScript by Mosh Hamedani.
4.Javascript for web development.

Extra-Curricular Activities

1.Teaching coding and web development.
2.Dance music production.
3.Rooting & Flashing android devices.