DARPAN CHACHPARA

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EXPERIENCE

MidasMinds: Software Engineer   **May 2022 – Present**

- I worked on the **EdTech** project, a virtual learning platform that helps youngsters create skills for a prosperous future. A platform like this is utilised by schools and institutes to give hands-on learning while sharing expertise with students through online classrooms.
- **H5P** was used to create Course Presentations, and **XAPI** events were used to store them.
- In addition, I've worked as a **Tester** in the **Alpha environment** and dabbled in **Jira**, **Confluence**, **Slack**, **Graphql**, **Kafka**, **User-Service**, **Lumi**, **Postman**, **PostgreSQL**, **Swagger**, **Expressjs**, and **VsCode**. Also I've written **documentation** for installing a variety of services and tools.

SigmaT Consultancy Pvt Ltd: Software Developer   **January 2021 - March 2022**

- Designed and built an **automated Web Application** to maintain legacy data and provide a path for users and customers to connect on a single platform through the use of **APIs** for data migration.
- As a **tester** in the **production environment**, I verified the stream and validated the document for execution.
- Using **Docker** and **DigitalOcean**, I built a CI/CD pipeline for the **backend**.
- **Git**, **Python**, **XML**, **Postman**, **Linux**, **Odoo**, **JavaScript**, **Postgres**, **Docker**, **Nodejs**, **MongoDB**, **CouchDB**, **Linear App**, **Jira**, and **Hapijs** expertise.

DevMeth Technology Pvt Ltd: Course During College   **April 2020 - January 2020**

- The course covered C++ and Core Java. Created an online bookstore website where vendors can buy books from anywhere in the world. **HTML**, **CSS**, **JavaScript**, **C++**, and **Core Java technologies** were used.

EDUCATION

KJ SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY

CGPA – 7.49/10 *BE Information Technology 2016-2020*

SKILLS

Programming/Scripting Languages:

Proficient in: - Odoo(ERP), Xml, Version Control, Nodejs, MongoDB, CouchDB, HTML, CSS, Expressjs.
Frameworks/Tools: - Git, Postman, Android Studio, Eclipse, Mac, Linux, Reactjs, Hapijs, Linear App, Jira, Minio.
Familiar with: - Swagger(yaml), Selenium, Python, JavaScript, Core Java, PostgreSQL, Nifty, Firebase, Pusher, Studio3T, Graphql, Kafka, H5P, Lumi, User Service, xApi, Confluence, Slack, Docker, VsCode, Juypter.

PROJECTS

Crop Yield Prediction using Machine Learning:

- The **Random Forest** method is combined with numerous parameters and has a **93%** accuracy rate (**weather, climate, atmosphere, soil type, ph. levels**). Two algorithms, **Naive Bayes** and **Decision Tree**, were also constructed to compare accuracy. The aim of this research is to develop methods to increase agricultural productivity in agricultural areas.

Robonomic AI (Boot Camp):

- **UiPath** has assisted us in **automating** various situations that can assist humans in dealing with time restrictions.
- Workflows for **email automation**, **data scraping**, **spreadsheet automation**, **social media posting** were developed.

Self-Implemented Projects:

- **Technology Used-** MongoDB, Expressjs, Reactjs, Nodejs, Firebase, Pusher, Studio3t, Html, Css, JavaScript.
  - WhatsApp Clone using MERN Stack
  - NFT Based Template Website using Reactjs.
- **Technology Used -** Python, XML, Html, Css, Template.
  - Created Website using Odoo.

CERTIFICATIONS

- Thrived on the opportunities provided by Udemy, Coursera, Google, UiPath, and Audacity on a wide range of technologies, which cover almost all areas of technology.
- Selected as the College's Innovation Ambassador for the academic year 2020/2021. The Innovation Council of the Institute (MHRD'S) promotes innovation, entrepreneurship, and start-ups.