AHMEDABAD, GUJARAT
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EDUCATION

Pune, India	MIT WORLD PEACE UNIVERSITY	AUG 2020 - APR 2022

Masters of Computer Applications (Present)   **CGPA: 9.95/10**
School of Computer Science

Main coursework: Data Structures and Algorithms| Design and analysis of Algorithms| Python|
Computer Architecture| Artificial Intelligence| Database Systems| Operating Systems| Software Engineering |
DevOps | Network Security| C# & .NET Framework| Software Project Management | Cloud Computing

Ahmedabad, India	ST. XAVIER'S COLLEGE	JUN 2017 – JUL 2020

Bachelor's of Computer Applications   **CGPA: 7.3/10 (Distinction)**
Xavier's Institute of Computer Applications

Main coursework: C| Advanced C| Math| Statistical Computing| Computer Organization & Adv. Microprocessors|
DBMS| C++| Core Java| Open Source Operating System| Data Communication and Networking

LANGUAGES AND TECHNOLOGIES

- Programming Languages – Python(Proficient) , Java, C++, C,C#
- Front End – HTML5, CSS3, JAVASCRIPT, TAILWIND CSS
- Back End – Django, Flask
- DBMS – MySQL, OracleDB, MongoDB
- Full Stack – MERN (MongoDB, ExpressJS, ReactJS, NodeJS), Wordpress
- Cloud – Google Cloud Platform, Oracle Cloud Infrastructure, AWS Cloud Practitioner
- Frameworks and Tools – IntelliJ IDEA, Anaconda Navigator, Visual Studio Code, Sublime Text, MS Office, Git, GitHub
- Others – Strong communication, Data organization and Presentation skills, Problem-Solving and Logical Reasoning ability

WORK EXPERIENCE

MERN Stack + DevOps Engineer Intern
StartupsHQ, Mumbai, India   June 2021 - Present

- Backend Developer in MERN Stack – worked with MongoDB, NodeJS and ExpressJS
- Configured and stored data on Elasticsearch cluster on Amazon EC2
- Deployed and handled servers on Digital Ocean
- Configured CI/CD pipeline with Jenkins on Kubernetes

ACHIEVEMENTS AND RESPONSIBILITIES

- Publisher of research paper entitled 'Wearable Women Safety Device using IoT and Machine Learning' in International Journal of Scientific Research in Computer Science, Engineering and Information Technology published on 13-Mar- 2021.
- Certified in Python by Fr. Dr. Dr. Thomas Schwarz, Assistant Chair, Marquette University, Milwaukee, Wisconsin (USA) and organized a competitive python programming Competition 'Pythogram' under his supervision.
- Qualified for the first level of Chhatra Vishwakarma Awards 2020 by AICTE (All India Council for Technical Education).
- Participated in the App Innovation Challenge 2020 by the Government of India to propose a solution for Innovation under Work from Home category.
- Secured third and fourth rank in International Math Olympiad and International English Olympiad respectively.

THE FARM FLUENT (IDEATION STAGE)

A system that allows production companies to get in touch with potential farmers by investing in them.
The system was created to connect with the seed nurseries which were to be provided to the farmers based on their soil testing reports if they were shortlisted using ML decision making algorithms based on the requirements of the food production industries.

AUTOMATED PILL DISPENSER PROJECT

- Created a fingerprint authenticated automatic pill dispenser on Arduino UNO using various components - servo motor, keypad, RTC module, I2C module and an alarm buzzer.
- Built the architecture design of the system and configured the working of the pill dispenser through libraries and functions of Internet of Things to automate the process in C++.