Meet Dholakia

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EDUCATION

•**PDEU, Gandhinagar, India** *2022-2026*
Computer Engineering CGPA/Percentage: 9.75/10.0

•**Podar International School** *2011-2022*
Primary and High School Junagadh, Gujarat

PERSONAL PROJECTS

•**Operating Systems Simulator** *Project Link: OS-Simulator*
A dynamic web-app that simulates various algorithms used by OS. April - 24

- Tools & technologies used: Javascript, HTML, CSS, Github, VS Code
- It is a dynamic web-app that simulates various algorithms used by operating systems like Dining Philosophers Problem using semaphores, FIFO page replacement, Shortest job first scheduling and C-Look disc scheduling algorithm.

•**Jewellery Business Website** *Website Link: ChoksiSV*
An online platform of a jewellery business to share daily prices and jewellery designs June - 24

- Tools & technologies used: React JS, Email JS, HTML, CSS, Javascript, Cloud Delivery Networks, Gihtub Gists, Github, VS Code
- It is a website of a jewellery business based out of Junagadh, Gujarat which is an online front for sharing their daily gold prices and new designs.

•**Insights.dev** *April - 24*
A platform for developers to connect and share insights on different topics.
- Tools & technologies used: React JS, Express JS, Node JS, CSS, MySQL, HTML, Javascript, Github, VS Code
- It is a full stack blog platform for developers to connect and network with each other and share insights on different topics like Technology, Science, Cinema, Food, Design, etc.

•**Snap&Go (Group Project)** *Project Link: Snap&Go*
Snap a picture of the Classroom and instantly mark Attendances of everyone present. Jan'24

- Tools & technologies used: Python, Flask, SQL, HTML, CSS, JavaScript, Libraries: OpenCV, DLIB, Scipy, Numpy
- A WebApp that allows teachers to upload the photo of a Classroom and mark the attendances of the present students instantly and allows Students to view their attendance on the portal in real time.
- I contributed by integrating the Machine Learning Model that uses Face Landmarks Detection and Recognition to identify Faces and Compare them with existing Database.

•**Efficient Container Placement System (Hackathon Project)** *Project Link: ECPS*
A WebApp that predicts the best location to store a container in a shipyard. Sept 23

- Tools & technologies used: Python, Streamlit, Machine Learning, Scikit Learn, XGBoost, Pandas, Matplotlib
- It is a Machine Learning Model paired with an Algorithm that predicts the Out Time (uses time series analysis) of a Container using its incoming time and past data and then locates the perfect spot for its storage such that minimum number of shuffles are required while transferring the container.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Java, C, Javascript, HTML5, CSS3
Developer Tools: Visual Studio Code, GitHub, Streamlit, Sublime Text, Bootstrap, Git, Windows Terminal, Cloudinary
Frameworks and APIs: React JS, Express JS, Node JS, MySQL, Flask, Bootstrap, OpenAI API, PyQt, Kivy, Tkinter, Streamlit
Soft Skills: Leadership, Project Management, Problem Solving, Communication, Critical Thinking, Active Listening
Coursework: Introduction to Python(CS50P)(Harvard Online), Supervised Machine Learning-Regression and Classification, Advanced Learning Algorithms, Data Structures, Discrete Mathematics,OOPs
Areas of Interest: Internet of Things, Robotics, Automation, Computer Vision

POSITIONS OF RESPONSIBILITY

•**Web Development Head,** Encode - The Computer Science Club, PDEU *July 24 - Present*

•**Technical Committee Member,** Computer Society of India, PDEU *Oct 23 - Present*

•**Open Source Contributor,** Hacktoberfest'23 *Oct 23*

•**Hackathon Team Member,** Hackout'23, DAIICT *Oct 23*