

Dhruv Shah

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Pune, India

Education

Vishwakarma University, Pune, India

Nov 2022 – Present

B. Tech in Computer Science & Engineering

MAEER'S MIT School of Polytechnic, Pune, India

Jul 2019 – Jul 2022

Diploma In Computer Engineering

Grade : 78.51%

S.M Choksey High School, Pune, India

Jul 2010 – Jun 2019

Class X - SSC

Grade : 75.20%

Experience

- **Contract Developer / Freelance, OLKAP, Pune, India** Oct 2024 – Dec 2024
 - Built an interactive landing page using Vite React, React Three Fiber, and Storefront API (GraphQL and REST), integrating 3D models for an immersive experience.
 - Implemented a robust and scalable e-commerce solution using Shopify's Hydrogen framework and Liquid templates to meet the client's unique requirements.
 - Designed six custom layouts in Figma, focusing on modern, minimal, and high-end aesthetics while maintaining the brand's identity and delivering an intuitive user experience.
 - Used SWC for faster builds and CDN integration to reduce load times and improve page speeds, ensuring a smooth user experience.
 - Reviewed and optimized existing code, refactoring components and improving logic to enhance maintainability and performance.
 - Enhanced SEO through keyword optimization, meta tag updates, and page speed improvements.
 - Managed hosting, domain configuration, and DNS setup, ensuring seamless deployment and reliable performance.
 - Collaborated with the client multiple times to align the design and functionality with their vision, delivering a polished and high-quality product.
 - **Intern, CodixLabs, Pune, India** Jun 2021 – Sep 2021
 - Automated the process of sending emails to multiple contacts using Node.js
 - Designed and built an iOS Application for a client.
 - Designed and built a superfast and responsive website for a client using Angular, TypeScript, and Node.js.
 - Designed UI for the website using Figma.
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Projects

- **Lumpy Skin Disease Detection using Behavioral and Image Analysis** | Python, Gradio, Machine Learning
 - Developed an intelligent system to detect Lumpy Skin Disease (LSD) in cattle using behavioral patterns and image analysis.
 - Designed and implemented image processing algorithms using Densenet to preprocess and analyze visual data.
 - Collected, labeled, and processed datasets of cattle images and behavioral patterns to train the detection model.
 - Created a user-friendly interface to identify and monitor potential cases of LSD in real time.

- **What Game Should I Play (wgsip.gg)** | *AngularJS, Angular, TypeScript, Node.js, PHP*
 - Worked collaboratively with team members in creating a web application using Angular, Node.js and TypeScript.
 - Designed and implemented the UI.
 - Implemented the use of image scraper.
 - Worked on IGDB API to retrieve and display the data from API.
- **Engineering Fitness** | *Swift, AngularJS, Angular, PHP, TypeScript, Node.js, Express.js*
 - Worked collaboratively with team members in creating a web application using Angular, Node.js and TypeScript.
 - Designed and implemented the UI for iOS application.
 - Designed and implemented the UI, managed database and domain related services for web application.
 - Tokenized user registration and role management using JWT.
- **RigXtreme** | *JavaScript, PHP, HTML, CSS, Swift*
 - Created a Custom computer build helper website.
 - Designed and implemented UI.
 - Created an iOS app using Swift.
 - Used UIKit for iOS.
- **2D Shooter Unity Game** | *C#, Unity*
 - Designed and developed a 2D shooter game in Unity with C#.
 - Implemented gameplay mechanics and logic to create an engaging player experience.
- **Weather Application** | *Swift UI, OpenWeatherMap API*
 - Integrated OpenWeatherMap API in the application.
 - Built Responsive and Clean UI for weather application.
 - Retrieved and showed real time weather data through OpenWeatherMap API.

Technical Skills

Programming Languages : C, C++, C#, JavaScript, Java, Python, Swift, PHP

Web Technologies : HTML5, CSS3, SCSS, Bootstrap, TypeScript, jQuery

Framework : SwiftUI, Angular.js, Node.js, Three.js, Spring Boot

Tools : VS Code, Xcode, GitHub, GitLab, IntelliJ, Figma, Unity Editor, Unreal Engine, Blender

DevOps : Amazon Web Services, AWS GameLift, Apple GameKit

DBMS : MySQL, Amazon RDS

Soft Skills

Communication, Team Player, Time-Management, Problem Solving, Analytical Thinking, Analytical, Adaptability, Attentive to Detail.

Achievements

Courses :

Managing Machine Learning Projects – <u>Certificate</u> – Duke University Coursera	Oct 2024
Penetration Testing, Incident Response & Forensics – <u>Certificate</u> - IBM	Sep 2024
Unity 2D & C# Game Developer Course – <u>Certificate</u> – Udemy	Jul 2024
Introduction to Game Development – <u>Certificate</u> – Codecademy	Feb 2023
Learn C++ – <u>Certificate</u> – Codecademy	Jan 2023

Paper Publication :

<u>A Comparative Analysis of a Game Browsing Website using IGDB Database</u>	May 2022
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Extracurriculars

Participated in IBM 24Hrs Hackathon – Mathura	2024
Love Care Share Foundation, NGO	2019 – Present
Team Sahayata, NGO	2017 – 2019