

# **Vedansh Dharqalkar**

Student at Agnel Institute of Technology and Design

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- Computer Engineer | Data Analytics & Business Strategy Enthusiast
  Recent Computer Engineering graduate with strong foundations in software and hardware, skilled in C, C++, Python, R,
  Tableau, SQL, Frontend, Backend and spreadsheets. Demonstrated academic excellence and hands-on experience in Data
  Structures, Algorithms, and Data Analysis.
- Passionate about transforming data into strategic insights. Proven ability to analyze complex data and contribute to growth-oriented business strategies. Adaptable, quick learner, and eager to upskill in dynamic environments.
- Actively seeking opportunities to contribute to innovative teams and solve real-world problems. Open to collaboration and continuous learning.

#### EXPERIENCE

# **Agnel Institute Of Technology and Design**

Oct 2024 - Present

Student Council Member

Actively represented student interests, organized campus events, and collaborated with faculty to improve student engagement and campus experience.

Robo Club of AITD

Jul 2024 - Present

#### **Executive Council member**

Led technical workshops, coordinated robotics projects, and promoted innovation and teamwork among club members through hands-on activities and events.

SocialPact Goa Jul 2023 - Present

#### Member

Contributed to community outreach programs and social impact initiatives, supporting education, awareness, and development activities at the grassroots level.

#### **EDUCATION**

# Agnel Institute of Technology and Design

July 2023 - May 2027

Bachelor's degree, Computer Engineering

• Grade: A+(avg sgpa 9.2)

### St. Xavier's Higher Secondary School, Goa

June 2021 - May 2023

Higher Secondary, Computer Science

• Grade: 70%

### St. Britto High School, Goa

June 2009 - May 2021

high school, Basic Skills and Developmental in Schooling

• Grade: 76% (Distinction)

### **SKILLS**

- Programming Languages: C, C++, Python, R, JavaScript, SQL, PHP
- Web Development: HTML, CSS, React, Node.js
- Data Analytics & Visualization: SQL, R, Tableau, Spreadsheets

- Robotics & Embedded Systems: Arduino, Microcontrollers, Sensors, Actuators, Embedded C
- Tools & Platforms: Git, VS Code, Microsoft 365 Copilot, Bing Chat, Linux
- Concepts: Data Structures and Algorithms, Web Security, Data Hiding, Full Stack Development, Business Strategy

#### **CERTIFICATIONS**

# **Google Data Analytics Certificate**

August 2023 - Present

Coursera

**Show Credential** 

## **Generative AI: The Evolution of Thoughtful Online Search**

September 2023 - Present

LinkedIn

**Show Credential** 

# **Microsoft 365 Copilot First Look**

September 2023 - Present

LinkedIn

**Show Credential** 

# Streamlining Your Work with Microsoft Bing Chat

September 2023 - Present

LinkedIn

**Show Credential** 

#### **HONORS**

- · Robotics enthusiast passionate about building bots and integrating hardware/software systems
- · Public speaking and student mentorship
- Exploring the intersection of technology and real-world problem solving
- Following trends in Al, automation, and business analytics

#### **PROJECTS**

# Steganography WebApp

Jan 2025

WebApp using React and Nodejs which encrypts and decrypts text in a image with an password protection feature.

### **Library Management System**

March 2025

Designed a Library Management System with my colleague for the college using HTML,CSS and PHP

### **Vedic Math Learning Tool**

Feb 2025

A platform where people can learn Vedic Math of ancient Indians in a modern form, designed using React and Nodejs.

### **Event Management System**

Dec 2024

An Event Management System using React and Typescript which helps in managing and booking large events and conferences.

#### EXTRA WORK

# **Business Strategy Analysis using Data Tools**

- Analyzed real-world data sets using R and Tableau.
- Proposed business insights and strategies to improve KPIs.

# **Student Performance Analysis System**

- Built using Python and Spreadsheets.
- Identified patterns in academic data to support better learning methods.