




Varada Deshpande

Student | Intern | Web Developer

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vad2823@gmail.com

 +91 96873 49441

 <https://in.linkedin.com/in/varada-deshpande-0330331bb>

 <https://github.com/Varada-D>

Education

B.TECH. COMPUTER SCIENCE AND ENGINEERING

GSFC University Vadodara

(Specialization: AI, ML, DS)

2020-2024

9.23/10 CGPA (or 92.3%)

HSC (CBSE)

Navrachana Higher Secondary School, Vadodara

(PCM with CS and English)

2019-2020

89.4%

SSC(CBSE)

Navrachana Higher Secondary School, Vadodara

2017-2018

93.4%

Skills

Technical:

Python for Data Science and AI/ML applications; Responsive Web Development using HTML5, CSS3, JS, jQuery and Bootstrap; ASP.NET MVC, .NET MAUI, Google Dialogflow; Programming in Python, C++, Java; Basics of PHP and WordPress

Non-Technical:

Communication, Presentation, Team Player, Well-Organized, Resilience, Perseverance, Adaptability to Dynamic Situations, Friendly Personality

Summary

- Worked in several leadership positions, engaging with diverse groups of people.
- Gained hands-on experience working as an intern on live projects in various industries (domains: AI/ML and web development).
- Exploring the world of AI/ML, robotics, and drone technology.

Career Objectives

- To work with an organization, which provides me an opportunity to enhance my skills and knowledge and to grow along with the organization.
- To be able to help people and give back to the society and create an impact.

Technical Experiences

PROJECT INTERN

Centre for Development of Advanced Computing (CDAC), Mumbai /
September 2023 - Present

- Engaged in research and development activities in the robotics department.
- Worked on technologies such as Python, HTML5, CSS3, JS, jQuery, Bootstrap, Tailwind CSS.
- Explored the field of robotics, drones and IoT.

SUPERCOMPUTER DASHBOARD DEVELOPER

Aver India Development / January 2023

- Worked in a team of seven (7) students to develop a dashboard to monitor the utilization of the "Param Shavak" supercomputer on-campus.
- The dashboard included important metrics such as real-time CPU, GPU, network and memory utilization.
- Dashboard also provided for user management.
- Alert mechanism incorporated to report cases of overuse.

CHATBOT DEVELOPER

GSFC University, Vadodara / February 2022 – February 2023

- Responsible for developing an AI-based chatbot "Saarthi" for GSFC University, currently live on its official website.
- Worked on technologies such as Google Dialogflow, with a team of five students and two faculty mentors.
- Currently working on keeping the ChatBot updated with the latest information.

RESEARCH AND DEVELOPMENT INTERN


Aver India Development / January 2023


- Explored the world of Application Development with .NET MAUI (Multi Application User Interface).
- Responsible for developing a basic working prototype of an Automated Weighbridge Management System.


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RESEARCH AND DEVELOPMENT INTERN

Aver India Development / July 2022

- Responsible for developing a responsive web-based Weighbridge Management System aimed at providing a solution to automate the process of transactions carried out with weighbridges.
- Several CRUD operations, along with automatic data capture from a connected weight indicator, automatic receipt and report generation and exporting were all included in the web application based on the MVC framework of ASP.NET.
- Authentication and authorization with specific user roles, taking the device MAC IDs into consideration, were also incorporated.

ORGANIZING TEAM MEMBER AND WEB DEVELOPER

Ananta'22, the annual fest of GSFC University, Vadodara / February 2022 – April 2022

- Ananta'22: the annual fest of GSFC University consisted of a team of around 200 organizers and volunteers, with 1000+ participants within and outside Vadodara.
- Actively contributed in developing the in-house web portal for the fest, mainly working on frontend development with HTML5, CSS3, JavaScript and Bootstrap.
- Recognized as a co-event coordinator for Swift Fingers (a typing contest with over 50 participants), conducted as a part of the fest, co-leading a team of six members. Also developed the web portal for the same.

WEB DEVELOPMENT INTERN

BarodaWeb / August 2021 - February 2022

- Responsible for the development of a web application titled "Resorts Pan India", that took into consideration the various stakeholders in the business of resorts (for example, resort owner, product vendor, service provider, tourist/ customer and local handicraft dealers).
- Explored the world of Front-End Web Development with HTML5, CSS3, JavaScript, jQuery and Bootstrap.
- Learnt about ASP.NET razor pages and the MVC framework, and worked on the development of the backend with ASP.NET MVC (repository pattern).
- Learnt more about the industry standards in terms of the steps followed before and during an on-going project: like requirement analysis, cost analysis, competitive analysis, etc.
- Experienced project management and presentation in real-world corporate scenarios.

Leadership Experiences

JOINT SECRETARY


Ananta'23, the annual fest of GSFC University, Vadodara / October 2022 – Present


- Worked as a senior core team member for Ananta'23 tasked with the overall coordination of activities and events.
- Looking after the management of the three-day fest with 40+ events, workshops and guest lectures from conceptualization to execution and post-event tasks.
- Helping with managing a team of over 200 organizers and volunteers and around 5000+ event participations over the three days.


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Trainings

LEADERSHIP AND TEAM BUILDING

GSFC University
April 2022 - August 2022

DIGITAL MANUFACTURING

GSFC University
March 2022 - August 2022

Courses

POSTMAN API FUNDAMENTALS STUDENT EXPERT

Postman / February 2024

SOFTWARE PROJECT MANAGEMENT

NPTEL (IIT Madras) / November 2022

PYTHON

GUVI Geek Networks, IITM Research Park / August 2022

COMPLETE GUIDE TO ASP.NET CORE MVC (.NET 6)

Udemy / May 2022

WEB DESIGN FOR EVERYBODY: BASICS OF WEB DEVELOPMENT & CODING SPECIALIZATION

Coursera (University of Michigan) / March 2021

EVERYDAY EXCEL PART 1 AND 2

Coursera (University of Colorado Boulder) / December 2020

Areas of Interest

Artificial Intelligence, Machine Learning, Data Science, Web Development, Graphic Design, Entrepreneurship, Environment, Health and Safety

GOOGLE DEVELOPER STUDENTS CLUB (GDSC) LEAD

Google / July 2022 – July 2023

- The GDSC Lead program is a global initiative by Google to help students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their community.
- I have been selected as the GDSC Lead for GSFC University for the 2022-23 cohort. This is the first time that GDSC has been introduced at the university.
- As a GDSC Lead, I am responsible for conducting various technical events at my university, and to help my peers learn and connect.

Other Experiences

MICROSOFT LEARN STUDENT AMBASSADOR

Microsoft / October 2022 – February 2024

MEMBER

Women Techmakers / August 2022 - Present

MEMBER

Google Developers Group Baroda / August 2022 - Present

MEMBER

Music Club, GSFC University / October 2023 - Present

MEMBER

Cultural Club, GSFC University / August 2022 - October 2023

VOLUNTEER

Amazon Web Services Community Day 2022 / November 2022

MEMBER, DESIGN TEAM

CODE Club, GSFC University / November 2020 - August 2022

Achievements

TOP 100 WINNING TEAM, HACK4PURPOSE

DPurpose Foundation and United Nations UNLEASH / June 2024

SECOND RUNNER UP, TECHEXHIBIT 2024

GSFC University / May 2024

RUNNER-UP, CODE Pictionary

Ananta'24 - Annual GSFC University Fest / March 2024

WINNER, HURRY5

Ananta'24 - Annual GSFC University Fest / March 2024

RUNNER UP, BYTES TRAIL

Ananta'22 - Annual GSFC University Fest / March 2022


WINNER, STUDENT INNOVATOR AWARD IN BIOTECHNOLOGY


Maharaja Sayajirao University of Baroda (MSU-B) and Navrachana University / October 2018


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Projects

PLAGIARISM DETECTOR

- Includes language detection, sentiment analysis, keyword extraction and plagiarism detection
- Multiple language supported
- Allows text as well as audio search
- Technologies used: Microsoft Azure, Java SpringBoot, Theamlyf, HTML5, CSS3, JavaScript, Bootstrap

YOGA POSE DETECTOR

- Includes a yoga pose dictionary and detector
- Supports detection from image search as well as from live stream
- Uses keypoint detection
- Technologies used: Python (Numpy, Pandas, Tensorflow, Keras, Scikit Learn, Flask), HTML5, CSS3, JavaScript, jQuery, Bootstrap

ANANTA CHATBOT

- A prototype for a chatbot for Ananta, the annual techfest of GSFC University
- Technologies used: Google Dialogflow, React JS, Node JS

SWIFT FINGERS

- A typing test consisting of three rounds, originally developed for a competition in Ananta'22
- Technologies used: HTML5, CSS3, JavaScript, jQuery, Bootstrap, PHP
- Website live at <http://swift-fingers.tech/>

MOMMY'S RECIPES*

- Developed frontend for a recipes website, as a part of Web Technologies Assignment in Semester 2
- Technologies used: HTML5, CSS3, JavaScript, jQuery, Bootstrap

COVID-19 NOTIFICATION AND DASHBOARD*

- Uses web scraping to extract COVID-19 statistics of Indian states from a website
- Technologies used: Python (tkinter, plyer, requests, BeautifulSoup, matplotlib)

MEDICINE PURCHASE SYSTEM*

- A console-based system that uses file handling for data storage and manipulation
- Technologies used: C++

HOSPITAL MANAGEMENT SYSTEM*

- A console-based system that uses file handling for data storage and manipulation
- Technologies used: Java


TIC-TAC-TOE*


- A classic, two-player tic-tac-toe game
- Technologies used: Python (pyGame)


*Source codes for the projects are available on the GitHub profile: <https://github.com/Varada-D>


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Languages

English, Hindi, Marathi, Gujarati, Sanskrit

Hobbies

Music, Bharatnatyam, Skating, Art and Craft, Cooking, Coding

References

Mr. Sneh Pandya

(Project Manager, Mantra Labs; Podcaster, Ninjatalks; Organizer, Google Developers Group Baroda)

- Contact No.: +91 81418 63814
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Ms. Zalak Kansagra

(Assistant Professor, Computer Science and Engineering, GSFC University)

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Declaration

I hereby declare that the information and details provided in this CV are correct and inclusive to the best of my knowledge and belief.



Varada Deshpande

Date: June 29, 2024

Place: Mumbai