

CURRICULUM VITAE

Personal Details

Name Ruchit Desai
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Nationality Indian



Experience:

01/2021- Present

Developer (Tata Consultancy Services Gmbh)

- Worked for **Deutsche Bank** as a part of the Design team and drew wireframes for developing a solution to the task.
- Also was a part of the startup Scrum Team formed to train the juniors the Agile Methodology.

12/2019-Present
Heidelberg,
Germany

Research Student (SRH University Heidelberg)

- Researched intensively on the topic "Behavior of Self Driving Cars after sensor actions" by studying certain Object Recognition techniques.
- I also learnt ROS (Robot Operating System) and OpenCV in Python which plays an important role in Path Planning and Object Detection.

06/2017-08/2017
Vadodara, India

Intern (Reliance Industries Ltd)

- Worked as an Intern in the Computer Science Department of the company on Innovations for Telecommunication Network and the first 5G network in India "Jio5G".

Education:

M.Sc. Applied Computer Science (GPA: 2.3)

10/2018- 10/2020
Heidelberg, Germany

Modules:

- User Experience and Interfaces
- International Project Management
- Software Development and Architecture

06/2014-05/2018
Vadodara, India

Bachelor's in computer engineering (GPA: 2.1)

Modules:

- Object Oriented Programming with C++
- Core Java, and Python
- Artificial Intelligence (AI)

Projects:

Master Thesis:

- 04/2020-10/2020
- Worked intensively on the thesis topic “Evaluation of SLAM techniques for Localization and Mapping of Self Driving Vehicles” by studying various object recognition and path planning techniques.
 - I also learnt Robot Operating System and OpenCV in Python which play an important role in object recognition and path planning concepts.

User Interface Designing (Interface Designer)

- 11/2019-12/2019
- Made some cases and interfaces for the project "Smart Network" which basically was made to display Instagram and Facebook on a single page to remove the navigation feature which users did while changing from one platform to another.
 - Also, introduced the voice assistant feature for helping impaired people so that they can navigate to various pages/websites.

Application Development (Frontend Developer)

- 07/2019-08/2019
- Developed a Fitness tracker application which is used to track the intake of calories in a person's body and keep the record of the result.
 - The framework vue.js was used as a frontend framework and node.js was used as a backend framework.

Certifications:

- Business Analysis Foundations | August/2024
- UX Design | July/2020
- Linux Shell Scripting | Apr/2020
- Professional Scrum Master (PSM 1) | In Progress
- Business Analyst and Project Manager Collaboration | 2024

Languages and Soft Skills:

English	Native	• Problem Solving
German	Business fluent	• Effective Communication Skills
Gujarati	Native	• Adapting new surroundings
Spanish	Basic	• Flexible