

CURRICULUM VITAE

RAVANI SHAKUNTLA GANESH BHAI

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Portfolio Link: <https://www.crio.do/learn/portfolio/best-chap09/>

PROFILE SUMMARY

I am experienced computer engineering professional with a strong background in academia and a passion for web development.

SKILLS

Computer Languages & Tools	Java Script, React JS, HTML, CSS, C, C++, Bootstrap Framework, MUI framework, REST API, PHP(Basic),
Others	Problem Solving Ability, Teamwork, Communicating effectively, Teaching

PROJECTS

1. **QKart Front End:** E-commerce application offering a variety of products.
Technologies: React, JS, HTML, CSS, MUI, axios, REST, JSON, Debouncing, Local Storage, Auth 0
2. **QTrip (Dynamic):** Travel website for adventurers in different cities and it's booking (Dynamic)
Technologies: JS, HTML, CSS, Bootstrap, REST, JSON, Bootstrap, Netlify, Vercel, Responsive Design, DOM Manipulation
3. **QTrip (Static):** Travel website for adventurers in different cities (Static)
Technologies: HTML, CSS, JS, Bootstrap Framework, REST, JSON, Netlify
4. **XBoard:** News Feed website featuring the latest news for select topics from Flipboard.
Technologies: JS, HTML, CSS, Bootstrap Framework, Figma

MINI PROJECTS

1. **Find Route Puzzle:** Cool webpage that helps people solve maze puzzles. Made it easy for users to find their way through tricky mazes, combining fun and brainpower.
Technologies: JS, HTML, CSS, JQuery, DOM Manipulation
2. **Smart Store (Front End):** E-Commerce application to sell products.
Technologies: React JS, JS, HTML, CSS, Bootstrap, REST, JSON, Bootstrap, GitHub, Responsive Design
3. **Animal Introduction for Kids:** One-page educational web application for kids that display images of animals and based on user interaction (click/touch or on pressing on specific alphabet keys) plays it's sounds.
Technologies: HTML, CSS, JS, GitHub, DOM Manipulation
4. **Calculator:** Simple calculator with attractive user Interface
Technologies: React JS, HTML, CSS

WORK EXPERIENCE (IN ACADEMIC)

I have worked as an assistant professor for 9 years 2 months as mentioned below:

Sr. No.	Name of College	Post	Duration	Experience
1	Shree Swami Atamanad Saraswati Institute of Technology, Surat, Gujarat	Assistant Professor -Regular (Computer Engineering Department)	1/2/2016-17/11/2021	5.9 Years
2	Pacific School of Engineering, Surat, Gujarat	Assistant Professor - Regular(Computer Science & Engineering Department)	23/8/2012-31/1/2016	3.5 Years

In this duration I have taught many subjects like Compiler Design, Data Structures, Algorithm Analysis & Design, C, C++, Python Programming, Data Science, System Programming, Theory of Computation and Cyber Security

INTERNSHIP EXPERIENCE

1. In L4O.in on “Front End Development with React JS” from May 2022 to December 2022.
2. Currently doing Fellowship in software development (React + Node Js) from Crio.do since July 2023

DISSERTATION IN M.TECH

To Study Aspect.NET Framework and assess the usefulness of tool by developing a software application.

EDUCATIONAL QUALIFICATIONS

Examination	Year Of Passing	University/Board	Percentage
M.Tech. (Computer Science & Engineering)	July' 2012	JVWU,JAIPUR	79.10%
B.E (Computer Science & Engineering)	July' 2010	VNSGU,SURAT	65.38%
12 th standard	March' 2005	GHSEB	54.62%
10 th standard	March' 2003	GSEB	85.00%

ACERTIFICATES, AWARDS & ACHIEVEMENTS

1. Completed 300 hours Developer certification course of the freecodecamp.org on “Javascript Algorithms and Data Structures” in July 2022.
2. Completed developer certification course on “Front End Development Libraries” at freecodecamp.org in December 2022.
3. Completed developer certification course on “Responsive Web Design” at freecodecamp.org in January 2023.
4. Received Best Research Paper Award for paper titled as “Direct Method to Convert Regular Expression To DFA Without Generating NFA for Fast Text Searching” by ISTE, Gujarat State Chapter in December 2018
5. Received Best Faculty award by Pacific School of Engineering in February 2015.
6. Worked as a SSIP (Student Start-Up & Innovation Policy) Coordinator at College level and prepared approximately 40 student teams who have participated & won in National Level Hackathons (Smart India Hackathon) during December 2017 to December 2020

PAPER/PATENT PUBLISHED AND PRESENTED IN INTERNATIONAL CONFERENCE

1. Published a patent titled as “A Method and Apparatus of Safety for Driver” Patent Application Number: IN 201921013767 on dated 22/04/2019
2. Published Research Paper titled as “Credit Card Fraud Detection Using Supervised Machine Learning Techniques” In International Journal of Computer Engineering and Applications, Volume XV, Issue IX, ISSN 2321-3469 in Sep. 2021
3. Published and Presented Research paper Titled as “Direct Method to Convert Regular Expression to DFA Without Generating NFA for Fast Text Searching” in National conference RHHET (ISBN 978-93-5346-457-8) organized under ISTE in dec,2018.
4. Published Research paper titled as “Pharmaceutical Data Protection in Supply Chain using Hashing” in International Journal of Computer Science Engineering ISSN: 2349-5162 on March 2019
5. Published Research paper titled as “A Study on Modeling Standards and Significance of AspectWebML” in International Journal of Engineering Trends and Technology (IJEET) in Volume 4, Issue 3, July 2013. ISSN :2231-5381

LANGUAGES KNOWN

English, Hindi, Gujarati (Read, Write & Speak).

CO-CURRICULAR ACTIVITIES

1. Worked as a dean of website committee in SSASIT college during 2019-2021.
2. Organized many technical events in College TechFests.

3. Organised many technical events like Project Screening, Idea Pitching, Internal Hackathons and IPR Screening under SSIP Cell, SSASIT
4. Delivered expert sessions on “IPR (Intellectually Property Rights) and Patent” in various Engineering colleges and appreciated by Gujarat Technological University for same.

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

RAVANI SHAKUNTLA