



# ADITI VADI

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## EDUCATION

### Charotar University of Science and Technology

**2021 - 2025**

*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.89*

*Anand, India*

### Shakti Higher Secondary School

**2020 - 2021**

*Class 12<sup>th</sup> - Science; Percentage: 88.79%*

*Rajkot, India*

## SKILLS

- **Languages:** Python, JavaScript, SQL, Java, C, C++
- **Frameworks:** Tailwind Css, Git, GitHub, ReactJS, Redux, Next.JS, NodeJS, Express.JS, MongoDB
- **DevOps & Tools:** Git, GitHub, GitLab, Jenkins, VS Code, PyCharm
- **Systems & Concepts:** Linux, Windows, Data Structures & Algorithms (DSA), OOP, DBMS, Operating Systems, Computer Networks
- **Other Skills:** Machine Learning, Web Development

## EXPERIENCE

### Moschip Technologies Ltd

**Dec 2024 - Present**

*Python Automation Engineer*

*Ahmedabad, India*

- Automatic uploading of the SDK releases and documentation management with SharePoint, which reduced 90% of the manual efforts and enhanced reduced the speed of delivery by 70%.
- Optimized GitLab CI/CD pipelines by reusing submodules and reducing nightly regression cycles, cutting compute resource usage by 30%.
- Implemented automatic failure alerts and nightly email reports with dynamic branch naming for enhanced traceability.
- Developed and bundled a Windows Download Tool, improving internal software distribution and reducing support requests by 25%.
- Enhanced more accurate Coverity scan, by adding logic to the whitelist to cut-off only the subset of change sets that were relevant, thus limiting false They increase the number of positives by 35%.
- Automated and improved component management and SDK build flows producing build success rate with 20 % improvement.

### Navpad Infotech

**May 2023 – June 2023**

*Web Developer*

*Vadodara, India*

- Programmed a productivity web-app, whose main functions include a To-Do list and a Note Keeper to organize activities on a daily basis.
- Applied the fundamental functionality with the help of HTML, CSS, JavaScript, and React.js to maintain the optimal user experience.

## PROJECTS

### AI Snake Game using Deep Q-Learning | Python, PyTorch, Q-Learning

**Nov 2024**

Created a Deep Q-Learning model to enhance AI strategy in a Snake game, allowing the bot to learn from 1,000+ gameplay sessions; this contributed to a 60% improvement in gameplay performance accuracy.

[Project Demo link](#) 

### Real Estate | React.js, Redux Toolkit, Node.js, Express.js, MongoDB, Tailwind CSS, Firebase

**May 2024**

Developed a fully responsive MERN full stack property listing application with a CRUD database, JWT and Google authentication with a further specification authority filter searches.

[Visit my website](#) 

## PUBLICATION


### • **Skin Diseases classification using CNN & Transfer Learning**

**Jan 2023 – Feb 2023**

Presented a research article to IEEE 3 rd INOCON 2024 to be held in Bengaluru India, on developments in health sector. The aspect of skin disease classification using CNN and Transfer Learning which has been explored as a part of the study is quite important and has given the knowledge.

[Certificate](#) 

## ACHIEVEMENTS

- Runner-Up – Designing for Delight: UI/UX Challenge, COGNIZANCE'24
- [Google IT Automation with Python – Coursera](#) 
- [Google UX Design Specialization – Coursera](#) 