

# Parth Karia

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## EDUCATION:

**Diploma in Information Technology.**

**(2020 – Ongoing)**

**SVKM's Shree Bhagubhai Mafatlal Polytechnic, Mumbai, India**

**Relevant Courses:** Database Management Systems, Data Warehousing and Mining, Multimedia and Animation, Website Designing, IOT, Cloud Application Development, Advanced Web Technology, Management Information System, Internet Security, Mobile Application Development.

**Secondary School Education**

**(2019-2020)**

**Shri Nutan Vidya Mandir**

## TECHNICAL SKILLS:

**Web Technologies:** Bootstrap HTML5, CSS3, JavaScript, Node.js, React.js, PHP.

**Programming Languages:** Java, Python, C, C++, C#.

**Database:** MySQL, Oracle, SQL.

**Cloud Platforms:** Amazon Web Services (AWS).

**IOT based devices:** Raspberry Pi, Arduino, Sensors

## WORK EXPERIENCE:

**Hungry Brains, Mumbai, India.**

**(July 2022 – August 2022)**

**Web Developer Intern (HTML, CSS, Shopify, SEO)**

- Updated and maintained a Shopify website, ensuring that product information, pricing, and inventory levels were accurate and up to date.
- Implemented SEO strategies to improve search engine rankings and increase organic traffic to client websites.
- Demonstrated strong problem-solving skills to troubleshoot and resolve technical challenges efficiently, minimizing disruptions to project timelines.

## ACADEMIC PROJECTS:

**Simulabs: Virtual Data Structures Lab Project (HTML, CSS, Bootstrap, JavaScript, Node.js, MySQL)**

- Developed a virtual laboratory for the Data Structures subject as the final year project during the third year of the diploma program.
- Utilized HTML, CSS, Bootstrap, and JavaScript to design and implement the frontend of the virtual lab, providing a user-friendly interface for students.
- Employed Node.js for the backend development, ensuring efficient data processing and handling of user interactions.
- Designed and implemented a MySQL database to store relevant information and load the complete details of the theoretical part of the Data Structures experiments within the virtual lab. Used Node.js with AJAX for loading the content.
- Created interactive simulations for data structures topics such as stack, binary search, and binary tree, providing students with hands-on learning experiences.

**Airline Management System (Python)**

- Developed an Airline Management System using Python to streamline airline operations, improve efficiency, and enhance passenger experience.
- Implemented key features such as flight scheduling, ticket reservations, passenger management.
- Utilized Python programming language to design and develop the system's functionalities and user interfaces.
- Used Python Tkinter for GUI and MySQL as Database.

## EXPERIENCES:

- **Dare2Compile – Mukesh Patel College of Engineering**
- **PolyHacks Hackathon- Shri Bhagubhai Mafatlal Polytechnic. (Top 10 teams)**