

PARTH SHIROLE

☎ 9869175194 ✉ Email in LinkedIn 🐙 GitHub

Education

Veermata Jijabai Technological Institute

Bachelor of Technology in Computer Engineering; CGPA: 8.54/10

2020 – 2024

Mumbai, India

Pace Junior Science College

HSC: 95.69%, MHTCET: 99.97%

2018 – 2020

Navi Mumbai, India

Relevant Coursework

- OOP in C++
- Data Structures and Algorithms
- Digital Logic Design
- Operating Systems
- Database Management System
- Automata Theory

Projects

Street Racer 🚗 | HTML, CSS, Phaser.js, Python, OpenCV

Nov 2021 – January 2022

- Made a **Gesture-controlled** 2D Car Racing game using **phaser.js**.
- The game consists of dodging the incoming cars and collecting the stars to gain points.
- Implemented steering control using hand gestures with help of **OpenCv** library of Python.

Email TUI 🖥️ | C++, CMake

Aug 2021 – Oct 2021

- Made an email client inside a **Terminal User Interface (TUI)** using Modern C++.
- Used a library called **Functional Terminal User Interface (FTXUI)** to create the UI needed for the client.
- Used **V - Multipurpose Internet Mail Extension (VMIME)** library for the networking part of the process.
- Used another library called **Tom's Obvious, Minimal Language (TOML)** for storing the configurations

Banking Website 🌐 | HTML, CSS, React.js, Express.js, Node.js, MongoDB

9 - 10 April 2022

- Made a banking website with basic features as a part of the KJSCE 2022 Hackathon
- Used **React.js** as the primary library for frontend development. Along with that **Bootstrap** and **CSS** was used for styling.
- Used **Node** and **Express** for backend development and **MongoDB** as the database.
- User can log in into the website, deposit money, transfer money from their account to some other account, and also add it to a fixed deposit.

Technical Skills

Languages: C++, JavaScript, Python, C, Java, HTML
Frameworks: React.js, Node.js, Express.js, Mongoose, Phaser.js, FTXUI, VMIME, TOML, OpenCV
Developer Tools: VS Code, IntelliJ, Linux, Git, GitHub

Online Courses

- Learn C++ Programming -Beginner to Advance- Deep Dive in C++ by Abdul Bari on Udemy.
- Mastering Data Structures and Algorithms by Abdul Bari on Udemy.

Clubs and Leadership

Society of Robotics and Automation

- * Attended workshops based on line following and self balancing robots, image processing and ROS.
- * Got selected for 'Eklavya' Mentorship Programme 2021.

Community of Coders

- * Participated in 'Inheritance' Mentorship Programme 2021.
- * Mentoring in 'Inheritance' Mentorship Programme 2022

Leadership roles

- * Team Leader of the 'Inheritance' Mentorship Programme.
- * The Class Representative of Second Year Computer Engineering branch.