

# Bhooshan Birje

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## EDUCATION

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### Vellore Institute of Technology

*Master of Computer Applications: 9.63 CGPA*

Vellore, TN

Sep 2022 –

### Sir Parashurambhau College

*Bachelor of Science in Computer Science: 10 CGPA*

Pune, MH

Jun 2019 – Jun 2022

### Abhyankar Kulkarni Junior College

*XII: 77.23%*

Ratnagiri, MH

Jun 2018 – Mar 2019

### Karuna Sadan School

*X: 95.2%*

Bhedshi, MH

Jun 2016 – Mar 2017

## PROJECTS

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### PCOS Prediction | *Google Colab, Python - scikit-learn, seaborn*

**Github**

- Analyzed whether the patient suffers from Polycystic Ovary Syndrome (PCOS)
- Compared different machine learning techniques across different performance measures.
- Performed Hyperparameter Tuning to improve the models' accuracy
- Achieved an accuracy of 91%

### Bhatkanti | *React.js, MongoDB, Express.js, Node.js*

**Github**

- Website for Community of Nomads to view and pin locations on the map and review them
- Developed a full-stack web application with React-18 for the frontend and MongoDB-Cloud as database
- Used Node.js and Express.js for the backend functionality
- Used React-Map-gl library to render world map obtained through open source API
- Used Axios library to make http requests from client to server

### Pathfinding Visualizer | *React.js, SASS*

**Github | Live**

- A single page web application for visualizing Graph related algorithms
- Algorithms - Dijkstra's, DFS, BFS, Bellman Ford and A-star
- Employs features like multiple speed levels and pause/play button
- React.js for the UI and SASS for styling
- Deployed website online using render

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

**Frameworks:** React, Node.js, Express.js

**Developer Tools:** Git, Visual Studio Code, Eclipse

**Libraries:** pandas, NumPy, Matplotlib, OpenCV, scikit-learn, seaborn, react-map-gl

## CERTIFICATIONS

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**An Introduction to Programming through C++ - NPTEL**

**Competitive Programming - GeeksForGeeks**

**Full Stack Development with React and Node JS - GeeksForGeeks**

## ACHIEVEMENTS

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Achieved **AIR 5** in VITMEE-MCA

Received a **Merit award** for academic excellence in VIT-Vellore

## POSITION OF RESPONSIBILITY

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**Programme Representative (MCA'24):** Made honest and successful efforts to bridge the communication gap between management and the students