

# Bhooshan Birje

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## EDUCATION

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### Vellore Institute of Technology

*Master of Computer Applications: 9.67 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%

### Typing Wizard | *PHP, PostgreSQL, Javascript, HTML, CSS*

**Github | Live**

- A complete self learning typing tutor website
- Developed a full-stack web application using with PostgreSQL as database and PHP for backend and templating
- Used Supabase as database provider and Render as backend
- Pure Javascript with XHR calls to implement interactivity and dynamic behaviour
- Self implemented authentication using HTTP cookies

### 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

## 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

## 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