

Bhooshan Birje

birjebhooshan@outlook.com | linkedin.com/in/birjebhooshan | github.com/birjebhooshan

EDUCATION

Vellore Institute of Technology

Master of Computer Applications: 9.66 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

EXPERIENCE

Software Engineer Intern

Velocix Solutions

August 2023 – Present

Chennai, TN

- Acquired in-depth knowledge of CDN operation and architecture
- Collaborated on Jenkins pipeline maintenance and troubleshooting
- Worked with the team to implement SAFe
- Utilized security and vulnerability assessment tools such as Trivy, AppScan, Nessus, and Nmap

PROJECTS

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

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

An Introduction to Programming through C++ - NPTEL

Competitive Programming - GeeksForGeeks

Full Stack Development with React and Node JS - GeeksForGeeks

ACHIEVEMENTS

Achieved **AIR 5** in VITMEE-MCA

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

POSITION OF RESPONSIBILITY

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