

# Rutuja Borchate

Pune, Maharashtra



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## Education

**Vishwakarma Institute Of Information Technology**

Nov 2022 – June 2026

*BTech in Electronics and Telecommunication*

- GPA: 8.59/10.0

- **Coursework:** Data Structures, Operating System, Software Engineering, Internet of Things, Machine Learning.

**Vidya Vikas Mandir Rajuri**

March 2022

*HSC-79.67*

**Shri Belheshwar Vidyamandir Belhe**

March 2020

*SSC-95.60*

## Technical Skills

**Programming:** Java, Python, DSA, HTML, CSS, JavaScript, SQL

**Libraries:** NumPy, Pandas, Matplotlib, TensorFlow.

**Tools:** VS Code, Google Colab, Jupiter Notebooks, Eclipse, MySQL Workbench, JIRA.

## Projects

**Ride Sharing App With Advanced Safety Features**

2024

- Developed a ride-sharing app that integrates real-time location tracking, emergency alerts, and driver ratings, enhancing safety for over 1,000 users.
- Tools Used: React Native, Node.js, Firebase, Google Maps API, Express.js, Redux, WebSockets, Git.

**Biomedical Waste Management Portal**

2024

- Designed a platform for tracking and managing biomedical waste with compliance, real-time monitoring, and automated reporting.
- Tools Used: React, JavaScript, SQL database, Deployable server.

**Potato Plant Disease Detection using ML**

2024

- Developed a machine learning-based system to detect and classify potato plant diseases using CNN, SVM, and K-Means clustering.
- Tools Used: Python, TensorFlow, CNN, SVM, K-Means

## Achievements

**Winner - Vishwakon 2024 Agritech Conclave (3rd Place)** [Certificate](#) [🔗](#)

2024

**Winner - Departmental Hackathon (Runner Up)** [Certificate](#) [🔗](#)

2025

## Certifications

**IBM-Full Stack Software Developer - Coursera**

2024

[Certificate](#) [🔗](#)

## Extracurricular Activities

**NSS – Joint Head, Event Stage ManagementL**

2024-2025

- Led event and stage coordination for NSS and college-wide programs. Managed logistics, stage setup, and volunteer teams to ensure smooth execution of campaigns and cultural events.