

# Vivang Mishra

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Lucknow, India

## Professional Summary

I am a B.Tech (IT) student with a strong foundation in software development and full-stack web development. I have hands-on experience building scalable web applications and RESTful APIs using Java, Python, React.js, Node.js, SQL, MySQL, MongoDB, and Firebase, with a focus on clean architecture and problem-solving. I also have a keen interest in data analytics, where I work with SQL to analyze and manage data effectively. I am motivated to continuously improve my skills and grow as a reliable, impact-driven software developer.

## Projects

### Employee Management System (Java Swing)

Developed a desktop-based employee management application using **Java Swing** with secure authentication and full **CRUD operations**. Integrated the system with a database using **JDBC** and optimized **SQL queries** to improve data retrieval, search performance, and insertion efficiency.

### Online Grocery App (Android with Java)

 [App Demo](#)

Developed an Android-based grocery application using **Java and XML** with **Firebase Authentication** for user and admin login. Integrated **Retrofit** for API-based product data fetching and **Glide** for image loading, following **Material Design** principles for a clean and user-friendly interface.

### AgriAid-AI (AI-Powered Agricultural Assistant)

 [Live Demo](#)

Created a full-stack web application using **React.js**, **Node.js**, **Express.js**, and **MongoDB** to provide crop guidance and an AI-based chatbot. Implemented **CNN-based machine learning** for plant disease detection from leaf images, enabling quick and accurate crop health insights through a real-time web interface.

## Technical Skills

Programming Languages	Java, Python, JavaScript, C
Web/Mobile Development	React.js, Node.js, Android (Java), HTML, CSS,
Databases	SQL, MySQL, Firebase, Elasticsearch
Monitoring / Analytics	Grafana(Dashboards)
Cloud & Tools	Git, GitHub, Firebase, VS Code, Android Studio,
Core CS Skills	Data Structures, OOPs, DBMS, Operating Systems, SDLC
Soft Skills	Communication, Teamwork, Problem-solving, Adaptability

## Education

2022 - 2026	<b>Bachelor of Technology (Information Technology)</b> R.R. Institute of Modern Technology, Lucknow	CGPA: 7.5 / 10 (Till 6th Sem)
2021	<b>Senior Secondary (Class XII)</b> M.G.M Inter College, Lucknow	Percentage: 69%
2019	<b>Secondary (Class X)</b> M.G.M Inter College, Lucknow	Percentage: 80%

## Certifications

- Android App Development with Java – Techpile Technology Pvt. Ltd. June - August 2025
- Full Stack Web Development Bootcamp – React.js, Node.js, Express.js
- Python Programming Workshop – SOFTPRO INDIA pvt.ltd.
- SQL Basics – HackerRank

## Achievements & Activities

- Finalist – Vivnovation Quiz 2025
- Member – College Coding Club
- Problem solving Time Management