

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

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|------------------------|--|
| 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

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

Certifications

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|---|--------------------|
| • 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