

# SHREYANSHU BANERJEE

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## Profile Summary

A highly motivated Computer Science undergraduate with a strong foundation in software development, databases, and machine learning. Proficient in Python, C++, SQL, Java, and web technologies. Experienced in full-stack development and AI-based projects. Passionate about solving real-world problems using technology

## Relevant Coursework

- |                                  |                               |   |                    |
|----------------------------------|-------------------------------|---|--------------------|
| - Data Structures And Algorithms | - Database Management Systems | - Machine Learning<br>- Cloud Computing | - Operating System |
|----------------------------------|-------------------------------|---|--------------------|

## Experience/Courses

### AWS Global Course

- Gaining hands-on experience in cloud computing, storage, and deployment services.
- Learning best practices for AWS infrastructure management and security.

### MongoDB Internship

- Working with NoSQL databases to optimize and manage data efficiently.
- Learning indexing, aggregation, and query optimization techniques.

### MERN Stack Web Development Internship

- Internship at CODTECH, focusing on web development.
- Hands-on tasks to create dynamic websites using MongoDB, Express.js, React.js, and Node.js.

## Projects

### Railway Ticket Booking System

- Developed a full-stack railway ticket booking system using HTML, CSS, Python, and MongoDB.
- Implemented user authentication and ticket reservation features.
- Designed a responsive UI for seamless user experience.

### Plant Disease Detection System

- Built a machine learning model for plant disease detection using Python and AI techniques.
- Integrated image processing techniques to classify plant diseases.
- Deployed the model with an interactive UI for easy accessibility.

## Technical Skills

**Analytical Tools:** Excel, SQL, Data Visualization.

**Languages:** Python, SQL, C++, Prolog.

**Technologies/Frameworks:** GitHub, Pandas, NumPy, APIs, Machine Learning, Cloud Computing.

## Education

### Vellore Institute of Technology

B-Tech in Computer Science – CGPA: 8.58

Oct 2022 – May 2026

Bhopal, Madhya Pradesh

## Extracurricular / Certifications

- Bits and Bytes of Computer Networks – Coursera
- Cloud Computing – NPTEL
- Supervised Machine Learning – Coursera
- Artificial Intelligence, Machine Learning & Deep Learning Embedded System Design and IoT (10-day experiential learning in Pune & Hyderabad)

## Extracurricular:

- Active participant in cricket tournaments
- Fond of music and singing
- Enthusiastic about AI research and development