

# CHARU S

9344256024 ◇ Nilgiri, TamilNadu

[charu210907@gmail.com](mailto:charu210907@gmail.com) ◇ [Linkedin](#) ◇ [Leetcode](#) ◇ [Github](#)

## OBJECTIVE

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Motivated prefinal-year Biotechnology undergraduate with hands-on experience in programming, web development, and database management. Proficient in Java, Python, React.js, MySQL, and Git/GitHub. Looking for an entry-level role or internship to contribute technical skills while gaining professional experience in software and technology-driven projects.

## EDUCATION

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### B.TECH BIOTECHNOLOGY

Expected 2027

Bannari Amman Institute of Technology, Sathyamanagalam, Erode.

CGPA: 7.76/10 (upto 4th semester).

### High School (BIOMATHS)

2023

Hillfort Matric Higher Secondary School

12th Grade: 85%

## SKILLS

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<b>Programming</b>	Java, C, Python
<b>Web Development</b>	React.js, Bootstrap, HTML, CSS, JavaScript
<b>Database</b>	MySQL
<b>Tools</b>	Git, Github

## PROJECTS

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### TALKMATE AI – Placement Preparation Website

**Role:** Frontend Developer

**Tech Stack:** HTML, CSS, React.js, Python, JavaScript, API keys of Gemini and Speechmatics.

**Description:** Developed a placement-oriented web application to assist students in preparing for campus recruitment processes. The platform provides structured learning modules for aptitude, group discussion, English practice, and HR interview questions. Integrated an AI-powered chatbot using Gemini API for real-time doubt clearing and conversational guidance, along with Speechmatics API for speech-based interaction and practice. Built the frontend using React.js, HTML, CSS, and JavaScript, with Python handling backend logic and API integration, resulting in an interactive and user-friendly learning experience.

### SALES DATA ANALYSIS – Sales Data Analysis System Using Python and MySQL

**Role:** Frontend and Backend Developer

**Tech Stack:** React.js, HTML, CSS, python, JavaScript, API keys of Gemini and speechmatics.

**Description:** The Sales Data Analysis System is a full-stack web application that simulates a real-world sales analytics backend, where users can add sales transactions through a web form that are processed by a Flask backend and stored in a MySQL database; the application dynamically calculates total revenue using SQL aggregation queries, displays all sales records in a structured table, and supports order cancellation (delete operation) with automatic revenue recalculation, demonstrating core concepts such as backend development, database integration, CRUD operations, and basic data analytics suitable for entry-level data engineering and backend roles.

## DECLARATION

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I hereby declare that the information furnished above is true and correct to the best of my knowledge

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