

# SAMIK BHATTACHARYA

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**Career Objective:** Enthusiastic third-year B.Tech student with growing experience in full-stack development, seeking an internship opportunity to apply and expand my skills in both front-end and back-end technologies. Eager to contribute to impactful projects while learning from industry professionals and gaining hands-on experience in building scalable and efficient web applications

## PROJECTS

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- **Expense Management System**  
Developed a full-stack web application using the MERN stack to manage and track personal expenses. Built the front-end with React and working on backend APIs with Node.js and Express. Learning to integrate MongoDB for storing user and expense data.
- Developed a machine learning model to predict crop yield based on environmental and agricultural parameters. Used decision tree regressor and trained the model on publicly available agricultural datasets. Performed data preprocessing, feature selection, and model evaluation to improve accuracy and generalization.
- **Gemini Clone (Ongoing)**  
Developing the front-end using **React.js** to create a responsive, chat-based interface, and integrating the back-end with Google Gemini API

## CERTIFICATIONS

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PROGRAMMING IN JAVA - FROM NPTEL . Source - LinkedIn

FULL STACK WEB DEVELOPMENT – FROM ARDENT PVT LTD . Source - Certificate ID : ARDENT/102561, Issue Date : 18-03-2024

## EDUCATION

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**B. Tech. in Computer Science & Engineering** **2022 - 2026**

Future Institute of Engineering and Management (Affiliated to MAKAUT)

CGPA – 8.2 (upto 6<sup>th</sup> semester)

**Higher Secondary: 91.2%** **2020 - 2022**

Ram Mohan Mission high school

Board – ISC (Indian School Certificate)

**Secondary: 94.6%** **2020**

De Paul School, Bansdroni

Board – ICSE (Indian Certificate of Secondary Education)

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## TECHNICAL SKILLS

**Languages** – C++ , JAVA

**Web technologies** – HTML, CSS, Javascript, Nodejs, Expressjs, Reactjs

**Database-** MongoDB , MySQL

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**SUBJECTS OF INTEREST** : Oops using Java, Dbms, Software Engineering, Dsa