

SOUMYARAJ ROY

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EDUCATION

Vellore Institute of Technology, Vellore - B.Tech, Computer Science and Engineering July 2019 - June 2023
CGPA- 8.91

Children Sr. Secondary School, Kota - 12th Standard, CBSE board July 2016 - June 2018
Percentage- 90.0

Holy Cross School, Agartala - 10th Standard, ICSE board Jan 2014 - June 2016
Percentage- 93.40

SKILLS

Technical Skills C++, C-Sharp , .NET Core, Angular, JavaScript, SQL, Machine Learning, Tableau

Soft Skills Problem Solving, Critical Thinking, Leadership, Communication, Teamwork, Adaptability

EXPERIENCE

Software Engineering Analyst July 2023 - Present
Deloitte *Hyderabad, India*

- Developing and maintaining applications with - .NET Core, Angular and SQL as tech-stack.
- Implemented different design patterns and components in webpages and build APIs.

Software Engineering Intern Jan 2023 - June 2023
Deloitte *Hyderabad, India*

- Developed a CRUD application that handles the Employee details of an organization.
- Maintained dashboard and performed data-visualisation using Tableau.

PROJECTS

Employee Management System - The web application handles the Employee details of an organization. One can Create, Read, Update, Delete employee details and add new employees in the system.

Tech-stack used - ASP .NET Core, SSMS, Angular.

Crop and Fertilizer Recommendation System - The application predicts the most suitable crop to be grown and fertilizer to be used in a land based on the soil nutrient data, the crop's growing location and weather conditions. Machine learning models have been used which delivers the precise prediction.

Tech-stack used- PHP, HTML, Bootstrap, SQL, Apache Server, Xampp.

Hybrid Cryptography - Data encryption and decryption system using RSA algorithm using Python. The system encrypts and decrypts text, image and audio files for secure transmission between sender and receiver.

CERTIFICATION

Azure Fundamentals - Microsoft. Certified in foundational level knowledge of cloud services and usage of those services are provided with Microsoft Azure. [Credential Link](#).

EXTRA-CURRICULAR

- **CSED (Center for Social Entrepreneurship and development)**- Worked as Content Creator, Editor and Team Manager.
- Volunteered Ayuda NGO for social work in Vellore.