# SHASHI RANJAN

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## OBJECTIVE

Seeking a full stack developer role where I can apply my strong foundation in Java, along with proficiency in front-end technologies (HTML, CSS, JavaScript) and back-end. My goal is to build robust, user-friendly, scalable applications that meet user needs and drive business growth.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering**, Uttarakhand Technical University   2020-24

**Intermediate in Science**, Chinmaya Vidyalaya                                                                       2019

## SKILLS

| | |
|---|---|
| **Technical Skills** | C Programming, Java, HTML, CSS, Javascript, React, MySQL, Data Structures and Algorithms, Machine Learning |
| **Soft Skills** | Communication, Teamwork, Adaptability, Problem-solving, Proactive |

## PROJECTS

**Plant Disease Identification and Diagnosis** (Check here)

- Developed a system that provide a simple interface for the farmers to click or upload an image from their phone to get to know about the plant disease.
- Implemented deep-learning model to predict the disease of the plant through image with an accuracy of of 86.33
- Capable of identifying eight plants disease and provides information about the as well as solution widely used to prevent it.

**ATM Management System** (Check here)

- Developed a system that provide the functionality of an ATM machine except but do not give physical cash.
- Implemented in various modules for various activity like Sign Up, Sign In, Deposit, Withdraw, Generate Mini Statement, View account balance.
- Provided option to download the mini statement pdf.

**Prediction of RCA Strength** (Try it here)

- Developed a system that predict the compressive strength of RCA by taking details of materials.
- Implemented various machine learning techniques like Decision Tree, Random Forest, SVM, Gradient Boosting.

## CERTIFICATIONS

**Programming in Java**  By Prof. Debasis Samanta (NPTEL)

**Database Management System** By Prof. Partha Pratim Das (NPTEL)

## HONORS & AWARDS

**Solved 500+**  problems on Leetcode, Geeks for geeks, Hackerrank.

**Secured 2nd position** in National level hackathon (Lakshagrah 2.0)

**Best innovation award** in National level working model competition (Navdhara 2023)

**Among top 12** in National level hackathon (IITM-IAARC Hackathon)