

# SHUVARANJAN SARKAR

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Location: Durgapur West Bengal (713202) | [Portfolio](#)

## TECHNICAL SKILLS

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- **Frontend:** HTML, CSS, JavaScript, React.JS
- **Desktop UI:** Java Swing Framework, JavaFX
- **Backend:** Core Java, Advance Java, Spring Boot
- **Database:** MySQL, MongoDB
- **Development Tools:** VS-code, IntelliJ, Cursor, MySQL Workbench, Postman

## EDUCATION

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**BCA** | ABS ACADEMY OF SCIENCE TECHNOLOGY AND MANAGEMENT, Durgapur | Sep 2022 – Jul 2025  
**12<sup>th</sup>** | Nadiha High School (HS), Durgapur | Mar 2020 – Feb 2022

## PROJECTS

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**University Management System** | [github.com/Shuvaranjan/University\\_Management\\_System](https://github.com/Shuvaranjan/University_Management_System)

- Tech Stack: Java Swing Framework, Advanced Java
- Frontend: Desktop UI – Swing Framework & AWT (Java)
- Backend: Java
- Database: MySQL

**Description:** The University Management System (UMS) is a desktop application developed using Java Swing that streamlines and organizes various administrative and academic processes for a university. It provides an intuitive graphical user interface (GUI) for faculty, and students to manage tasks efficiently.

**Weather Application** | [github.com/Shuvaranjan/Weather\\_Application](https://github.com/Shuvaranjan/Weather_Application)

- Tech Stack: Java Swing Framework, Advanced Java
- Frontend: Desktop UI – Swing Framework & AWT (Java)
- Backend: Java
- Database: MySQL
- 3<sup>rd</sup> party API: GeoLocation API, Weather Forecast API

**Description:** The Weather Application is a desktop-based tool built with Java Swing that utilizes an external weather API (e.g., GeoLocation API, Weather Forecast API) to display current weather conditions for a given location. It provides a clean and interactive user interface for users to input their desired city and view weather details, like weather condition, wind speed, humidity.

## Certificates

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**Core Java** – Indian Institute of Education & Social Reforms  
**DCSC** – Drop Organization