

# SIMRAN MANDAL

New Delhi, India

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## Education

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### Indira Gandhi National Open University

*Master of Computer Applications - 55 percent till semester 3*

**Aug 2023 – July 2025**

*New Delhi, Delhi*

### Institute of Innovation in Technology & Management, GGSIPU

*Bachelors's in Computer Application - 87 percent*

**Sep. 2019 – May 2022**

*New Delhi, Delhi*

### Salwan Girl's Senior Secondary School

*12th - 70 percent*

**Apr 2017- Mar 2018**

*New Delhi, Delhi*

### Sarvodaya Kanya Vidyalaya (SKV) IARI PUSA

*10th - 68 percent*

**Apr 2015- Mar 2016**

*New Delhi, Delhi*

## Relevant Coursework

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- Data Structures
- Database Management
- Software Methodology
- Algorithms Analysis
- React.js
- Full Stack
- TypeScript

## Project Experience

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### BuyBusy Shopping App | ReactJs, Firebase — Source Code — View APP

**June 2025**

- Developed a web application using **React.js** a responsive shopping web-page with dynamic features, including price and category filters, advanced search, and a user-friendly cart and order system.
- Use Redux toolkit for global state management and create a centralized store to persist the state.

### Codeial App | NodeJs, ExpressJs, MonoDB — Source Code — View APP

**September 2023**

- Created an responsive social media web-page using NodeJs, ExpressJs and MongoDB to show users Post, Comments, Friend List and User List.
- Added Chat feature using socket , nodemailer for sending mail to user action, Integrated Passport-Google-OAuth increasing user logins by 25% within the first month and reducing unauthorized access attempts by 6%; the only team member who implemented Google OAuth

### Super Hero Hunter | HTML, CSS, JavaScript, APIs — Source Code — View APP

**June 2023**

- Fetching Super hero's data and displaying on screen, and adding or removing super-hero to favourite list and read details about super hero. Implemented theme toggle.

## Certifications

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### Back End — Full Stack Development in Node.js

**Issued July 2023**

*View Certificate*

### Front End — Full Stack Web Development

**Issued Apr 2023**

*View Certificate*

### Advance Front-End Web Development with React - Full Stack

**Issued October 2023**

*View Certificate*

## Technical Skills

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**Languages:** C, C++, JAVA, HTML, CSS, JavaScript, SQL

**Developer Tools:** VS Code

**Technologies/Frameworks:** GitHub, PHP, Bootstrap, ReactJs, NodeJs, ExpressJs, MongoDB, JQuery, Ajax, POSTMAN API

## Leadership / Extracurricular

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### Science Exhibition

*Team Leader*

**2016**

*Zonal Level Competition*

### Mental Maths Competition

*Won 2nd Rank*

**2015**

*School Level Competition*