

SIMRAN MANDAL

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Education

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

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

Project Experience

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, MongoDB* — 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

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

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

Science Exhibition

2016

Team Leader

Zonal Level Competition

Mental Maths Competition

2015

Won 2nd Rank

School Level Competition