


# SOUPARNA BHOWMIK

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## EDUCATION

### MAKAUT, W.B.

Techno Main Salt Lake  
B.Tech in Electrical Engineering  
Expected Grad. **May 2022**  
CGPA **8.4** up to 6th semester

### WBCHSE, W.B.

K.T.P.P. High School (H.S.)  
Class 12 in Science (PCMB)  
Grad. **May 2018** with **87%**

### WBBSE, W.B.

K.T.P.P. High School (H.S.)  
Class 10  
Grad. **May 2018** with **91%**

## SKILLS

### Languages:

#### Proficient in

C, C++, JavaScript, HTML, CSS

#### Familiar with

Java, Python, Dart, Kotlin

### Tools:

#### Proficient in

VS code, Android Studio,  
Oracle VM Virtual Box, Flutter,  
Git & GitHub, Firebase

#### Familiar with

Kali Linux, Node.js, MongoDB,  
Postman, React, Redux,




## COURSE WORK

Data Structures and Algorithms  
Operating Systems  
Computer Network  
Object Oriented Programming  
DBMS (Fundamentals)

## CERTIFIED COURSES

- The **Web Developer** Bootcamp. (Udemy) [Certificate](#)
- AWS** Machine Learning Foundation Course. (Udacity) (**Ongoing**)
- DBMS** by **ASD**. [Certificate](#)
- Soft Skills** and **Personality** Development, IIT Kanpur. (NPTEL) [Certificate](#)

## CODING PROFILES

 [GitHub profile](#)  
 [Hackerrank profile](#)  
 [Geeksforgeeks profile](#)

## PROJECTS

### ➤ E-Commerce site, A full-stack web application

March- , 2021(Ongoing Project)

**Languages:** HTML, CSS, JavaScript.

**Tools:** Visual Studio Code, Node.js, Express.js, MongoDB, Postman

**API:** Created a backend API from scratch.

- Included all CRUD functionalities in backend API.
- Handled Asynchronous, Unhandled Promise Rejection, Uncaught Expectation, Expire JSON Web Token and Mongoose ID error.
- Added functionalities like Pagination, filter and search by keyword.
- Done Backend Authentication and authorization using JWT.

**Links:** [GitHub Repo](#)

### ➤ Online Canvas, A web application

Mar-April, 2021

**Languages:** HTML, CSS, JavaScript.

**Tools:** Visual Studio Code, Node.js.

**API:** Canvas API.

- It is an online drawing tool.
- Resolved the 'pointer is not recognized' problem by using canvas API.

**Links:** [Website](#) | [GitHub Repo](#)

### ➤ Social Media app, An android application

Feb-Mar, 2021

**Languages:** Kotlin, XML

**Tools:** Android Studio, Firebase.

- It is a social media app, where one can create post, like post and scroll through post and comment.

**Links:** [GitHub Repo](#)

### ➤ Random Quote Generator, A web

Jan-Feb, 2021

**Languages:** HTML, CSS, JavaScript.

**Tools:** Visual Studio Code, Node.js.

**API:** Forismatic API.

- It generates random quote and can be shared directly to twitter.
- Resolved the CORS headers error while fetching the Forismatic API URL by calling a proxy API first.

**Links:** [Website](#) | [GitHub Repo](#)

### ➤ Quiz App, A cross platform mobile

Sep-Nov, 2020

**Languages:** Dart.

**Tools:** Visual Studio Code, Flutter, Android Studio.

- It is a basic quiz app which can run in both android and iOS.
- Reduced code complexity by creating Dart files for each element.

**Links:** [GitHub Repo](#)

## KEY ACCOMPLISHMENT

- 5 Star** in **C** and **C++** at Hackerrank.
- 4 Star** in **Java** and **Problem Solving** at Hackerrank.
- Selected in **AWS Machine Learning Foundation Course**. [Certificate](#)
- S.V.M.C.M Scholarship** depending upon H.S result and College CGPA.