



# AAVAIG MALHOTRA

## GET IN CONTACT

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## EDUCATION

- **BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, NEW DELHI**  
B.Tech(ECE) 2019-2023  
CGPA (Sem 4):9.07
- **TITIKSHA PUBLIC SCHOOL , NEW DELHI**  
Class XII -93% (2018-2019)
- **SACRED HEART SEN. SEC. SCHOOL, LUDHIANA, PUNJAB**  
Class X - 10cpga (2016-2017)

## LANGUAGES, LIBRARIES AND FRAMEWORKS

- C/C++ and Data Structures
- Frontend - HTML5, CSS3, BOOTSTRAP 5, SASS, JavaScript, AJAX, ReactJS, Redux, React Router, Semantic-UI, Styled Components, Firebase, Material UI
- Backend - Node.js, Express.js, MongoDB, Mongoose
- Testing - Jest
- Deployment - Heroku, Github, Netlify
- Mobile App - React Native

## ACHIEVEMENTS

- Top 11 finalists in Hack the Crisis Hackathon and a Special Mention.
- Top 10 semi-finalists in EY Techathon
- Participation in Sociothon IIT ROORKEE
- Took Workshops on ReactJS and Basics of Programming with C++, teaching over 30 students.

## PROFESSIONAL EXPERIENCE

- **The Sparks Foundation**
  - Intern(Graduate Rotational Internship Program) June 2021- July 2021
  - Worked on MoniGo project to transfer money among people
  - Tech Stack - HTML, CSS, Javascript, Node.js, Express.js, MongoDB

## PROJECTS

- **GEOSIS**
  - A Web App for Geographic Visualisation of India.
  - Uses graphs and maps to show different values like - aqi, rainfall, forest cover etc.
  - Tech Stack - React.js, Flask, MongoDB, Charting Libraries - React Google Charts, D3.js, ML model using - tensorflow, pytorch etc.
  - <https://ey-techathon-2-triggeredtrash.netlify.app/>
- **SoulMusic**
  - A Web App to play and view music of different artists.
  - Uses a fully functional music player and multiple dashboards to differentiate between user & admin.
  - Tech Stack - React.js, Node.js, Express.js, MongoDB, react-h5-music-player
  - [https://github.com/aavaigrocks2001/music\\_app--Fullstack](https://github.com/aavaigrocks2001/music_app--Fullstack)
- **Verifigo**
  - A Web App to distinguish between original and counterfeit medicine.
  - Uses image processing to verify image.
  - Tech Stack - React.js, Firebase, Flask
  - <https://github.com/aavaigrocks2001/verifigo-medicine-verification>
- **MoniGo**
  - A Web App to transfer money between different users on the go.
  - Uses a node.js backend connected with mongodb to transfer money.
  - Tech Stack - HTML, CSS, JavaScript, Node.js, Express.js, MongoDB
  - <https://sparks-foundation-aavaig.herokuapp.com/>

## RESPONSIBILITIES HANDLED

- **College Head of Software Committee of ISTE Society**
  - Head of Software Committee(Softech) of ISTE society with 160 students.
  - Took 2 Workshops, organised 2 competitions and a College event.
  - July 2021 - Present
- **Organising Head of Electrocod Project Showdown Event in Bvest'21**
  - Organised Electrocod Project Showdown Event in the annual Tech. Fest of BVCOE, Delhi - BVEST 2021
- **Website Developer in the Organising Committee of Hack the Crisis Hackathon**
  - Worked on the website hosted for hack the crisis event.
- **College Executive of Electronics Committee of ISTE Society**
  - July 2020 - June 2021
- **Head boy of the School**
  - Head Boy of the School Cabinet of Sacred Heart Sen. Sec. School, Ludhiana, Punjab
  - May 2017 - April 2018