Subhodeep Santra

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[GitHub](#)   [LinkedIn](#)   [CodeForces](#)

EDUCATION

- **National Institute of Technology,** Durgapur— *B. Tech*
  AUGUST 2018 - PRESENT
  Computer Science and Engineering - CGPA: 7.78

- **Kendriya Vidyalaya Santragachi** — *High School*
  APRIL 2016 – MARCH 2018

WORK EXPERIENCE

- **Hybrique,** Singapore — *Software Engineer Internship*
  JANUARY 2021 – JULY 2021

  Implemented caching of third-party API responses, resulting in reduction of API calls usage to a significant extent (AWS).

  Developed a Customer – Product Recommendation System.

- **Synaptic Sense** — *Machine Learning Internship*
  JUNE 2020 - JUNE 2020

  Developed a faster way to search a facial feature-vector using multi-level k-mean clusters.

  Tech Stack used: **Python, OpenCV, Scikit-Learn, keras**

- **NIT Durgapur** — *Web Development Internship*
  NOVEMBER 2020 - APRIL 2021

  Worked with Web Team and developed a website to prepare for GATE exam. Integrated mock-test platform.

  Tech Stack used: **Django, REST API, JavaScript, HTML**

PROJECTS

- **Socio Page** — *Micro-blogging App* [Project link](#)

  Built a web-app with features such as- Signup, Login - Logout with proper user authentication, Create - Delete Posts, Like - Unlike Post, Follow - Unfollow other Users, etc. Tech Stack used: **React Js, Express Js, Node Js, MongoDB.**

- **Sorting Algorithm Visualizer** [Project Link](#)

  Built a **Vue Js** web-app which helps in **visualizing sorting algorithms** such as- Bubble, Insertion and Selection Sort.

- **Android Application**
  Java based android application to create notes, save notes, delete notes.

SKILLS and TECHNOLOGIES

- C, C++, Python, Java
- JavaScript
- AWS DynamoDB
- AWS Lambda Functions
- AWS API Gateway
- SQL
- Data Structures & Algorithms
- Object Oriented Programming
- Problem Solving
- Web Development
- Android Development
- Machine Learning

ACHIEVEMENTS

- **Participant** of the **Code for Good Hackathon 2020** organized by **JP Morgan & Chase.**
- Secured a place among **top 25** teams at **HackOn'21** organized by **Amazon**.
- **President Award** from **Bharat Scouts and Guides, (Rashtrapati Scout Award).**

LANGUAGES

Bengali, Hindi, English

INTERESTS

Chess, Football