

SWAYANSU S BARAL

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[GitHub](#)

[LinkedIn](#)

[Leetcode](#)

EDUCATION

Thapar Institute of Engineering and Technology, Patiala

B.E. in Electronics and Computer Engineering

CGPA: 8.63

Sept. 2020 - Present

Sai International School, Bhubaneswar

PCM – CBSE, 12th

95.2%

2020

EXPERIENCE

Indraprastha IT Cell

June 2021 – Sept 2021

Frontend Web Developer Intern

- Coded using HTML, CSS and JavaScript to develop features for both mobile and desktop platforms.
- Advised internal users on web service capabilities, principles and protocols.
- Designed and updated layouts to meet usability and performance requirements.
- Advocated for well-tested and documented, high quality code.

Vishwa Jeevan Seva Sangha (N.G.O.)

Sept 2020 – April 2021

Student Ambassador Intern

- Engaged in professional networking to maintain strong relationships with communications and media professionals to drive partnerships and effective dissemination of mass communications.
- Prepared for public relations presentations and plans by gathering information on business objectives, vision, brand strategy, competition and industry trends.
- Studied objectives, promotional policies or needs of organizations to develop public relations strategies influencing public opinion or promoting ideas.

PROJECTS

Navigation system using A* algorithm || A.I., JAVA PROGRAMMING

- The goal of this project was to implement a Taxi Navigation System using A star search algorithm. This system will take as input the location (coordinates) of a client and it will output the best route for each of the taxis. In addition, it will inform the taxi driver that is closest to the client and show him all the alternative best routes to reach him.
- The source code of Artificial Intelligence: Navigation system using A* algorithm has been written in Java programming language provided with outputs . Link to the Project is ([here](#))

Chronic Diseases Prediction A.I.|| ML, PYTHON

- VEDANT.AI is a healthcare platform that utilizes machine models to generate risk assessment for patients .The models are trained on large datasets and optimized for accuracy to provide reliable results for healthcare professional.
- The Platform is built using Python and various machine learning libraries such as Pandas ,TensorFlow ,Scikit-learn.
Link to the project is ([here](#))

ACHIEVEMENTS

- Solved over 600 problems on various platforms like Leetcode , Codechef , Codeforces , Hackerrank.
- Stood First in CODEUTSAVA 6.0 A Hackathon Conducted by NIT RAIPUR, Raipur.

TECHNICAL SKILLS

Domains: Cross Platform App Development.

Languages: C++, C, Java, Python, JavaScript, Dart.

Developer Tools: Git , VS Code, Xcode , Android Studio, PyCharm, Eclipse.

Technologies/Frameworks/Libraries: Django, ReactJS, Flutter
