AITIK DANDAPAT

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PROFILE

I am a hardworking and a quick learner. Competitive coder having more than two years of programming experience with a logical approach towards solving problems. Skilled in Data structures and algorithm, along with knowledge of Data Science, Android/Web Dev. and Robotics. Inquisitive about technologies with real-world applications.

EDUCATION

B.Tech in CSE (Veer Surendra Sai University of Technology, Burla)	2018-2022 (9.04 CGPA)
Intermediate (Atomic Energy Central School – 1, Jadugoda)	2018 (92.0%)
Matriculation (Atomic Energy Central School, Narwapahar)	2016 (95.0%)

TRAININGS & INTERNSHIPS

Artificial Intelligence Trainee (*Allsoft Solutions in partner with IBM*)   May 2020 - Jul 2020
Implemented Artificial Intelligence like IBM Watson Studio, Watson Chatbot, Visual Recognition model, etc.
Android Developer Intern (*Android Sarchak & Electricals Pvt. Ltd.*)   Jan 2020 - Jun 2020
Built and published an app on Google Playstore for Ecommerce Hyperlocal Application in Flutter for a startup named DUCKHAWK. Published three apps for Admin, Seller and Customer respectively.
Data Science Intern (*Consulting & Analytics Club, IIT Guwahati*)   Jun 2020 - Jul 2020
Developed scrapers in Python for extracting data from more than 50 websites of different kinds using Web Scraping tools such as Scrapy and Selenium along with Data cleaning
Python Development Intern (*C-DAC, Pune*)   May 2019 - Jun 2019
Implemented Basic Machine Learning Models (Regression, Decision Tree, Random Forest, etc.) The training
Android Development Trainee (*Internshala Trainings*)   May 2019 - Jun 2019
Built an Food Runner App using higher Order Functionalities like API requests, volleyball, etc.

PROJECTS

Go Corona (Android Application)- Project Link Built an Android Chabot (syndrome mapping and self-assessment) which was connected to smart wrist band (for contact tracing).
Tech Used: Android Studio, IBM Watson, Google Maps API, GSM Module, IMU Sensors, Google Firebase
Face Mask & Social Distance Detection- Project Link Created a Face Mask Detection Model and an automated alarm system for detecting that social distancing is followed or not.
Tech Used: IBM Watson Studio, IBM Visual Recognition, YOLO
Human Following Bot- Youtube Link Co-Constructed an automated bot which follows a human using holonomic motion maintaining a constant distance of 2-3 meter.
Tech Used: OpenCV, Arduino, ZigBee, Holonomic Motion Planning

POSITIONS OF RESPONSIBILITY

- **Lead** (*Google Developer Student Clubs, VSSUT – 2020-21*)
- **Event Lead** (*Codechef VSSUT Chapter, VSSUT – 2020-21*)
- **Project Mentor** (*GSSoC 2021*)
- **Facilitator** (*30 Days of Google Cloud by Google Cloud, 2020 & Android Study Jam by Google Developers, 2020*)
- **Technical Core Team Member** (*Robotics Society, VSSUT Burla*)
- **Flutter Lead** (*Enigma- The Coding Club , VSSUT Burla*)

ACHIEVEMENTS AND AWARDS

- **Winner**, at the National Hackathon, HACKNITR, NIT Rourkela.
- **Global Rank – 6 (Indian Rank 4)**, Global Coding Challenge 2020, Credit Suisse
- **1st Runner's Up** - Digitizer(Image processing event), Innovision 2019, NIT-Rourkela
- **District Level Table Tennis** – Participated in Table Tennis at District: East Singhbhum, Jharkhand

TECHNICAL SKILLS

- C • C++ • Python • Java • JavaScript • OpenCV • Android Development • Web Development • MATLAB • Proteus
- Robotics Operating System • Image-processing • Data Science • Computer Vision • Web Scraping • Arduino