



Ananya Ghosh

1ST YEAR CSE STUDENT

CGPA: 9.3

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PERSONAL PROFILE

I am a CSE Student, looking for Internships in Technical and Management field.

- Unique thought process
- Diligent, hard-smart Working
- Quick to respond to issues
- Problem-solver
- Creative and flexible
- Easily approachable
- Capability to understand others' problems

LANGUAGES

- English
- Hindi
- Bengali

EDUCATION



Vellore Institute of Technology, Vellore

Integrated M Tech in CSE

CGPA- 9.3 (GPA 1- 9.69, GPA 2- 9.07)

2020-2025

India



Delhi Public School, Ruby Park, Kolkata

AISSCE CBSE (10+2) PCMB

94%

2018-2020

India



G.D. Birla Center for Education, Kolkata

ICSE (10th)

96%

2006-2018

India

SKILLS



Technical

- Web Designing & Development- HTML, CSS, Js, jQuery, Tailwinds CSS
- Flask, Django
- ReactJs
- Arduino & Sensors
- Python
- C/C++
- Augmented Reality- Unity 3D, Vuforia, C#
- Open CV
- Machine learning Basics
- App Development - MIT App Inventor
- UI/UX- Figma, Canva
- Data Structures & Algorithms
- ChatBot- Google DialogueFlow
- Technical Research
- Open Source



Management

- Business Model Development and Pitching
- Marketing & Sponsorship
- Presentation Development
- Project Management
- Leadership Skills
- Good Communication skills
- Strategic Planning
- Public Speaking
- Networking
- Team-Worker

PROJECTS

Technical

- **EduVision** - AR based Education for All while connecting all stake holders of Education (AR+Web Dev <https://youtu.be/43FutdjrHhE>)
- **Donation and Vaccine**- WebApp and chatbot for organ, plasma and blood donation and COVID-19 vaccine program registration. (Web Dev <https://youtu.be/orM0XbbdUcl>)
- **KrishiSahayak**- WebApp to connect all the stake holders of the Agriculture system in India – The Farmers, The Consumers, The Corporates / Food Consultant / NGO (Web Dev <https://youtu.be/DVXfrQwjQuo>)
- **Snake Game**- Arduino, 8X8 LED matrix, joystick (<https://youtu.be/OVltlA8KBHg>)
- **Smart Dustbin**- Arduino, Servo Motor, Ultrasonic sensor (<https://youtu.be/dwT5WjnWnhk>)
- **Elevator system**- With scheduling to move on closest floor for every button pushed (Arduino, Stepper Motor, Motor Driver)
- **Portfolio Website**- Web Dev (https://youtu.be/_sg0QkQsZFk)
- **Fuel Consumption CO2 Emission**- ML Linear regression
- **Iris Species Prediction**- ML KNN classification
- **Hackathon Website**- for IEEE SPS VIT & IEEE WIE VIT (Web Dev)
- **Flask Weather App** with Calling API

PUBLICATIONS

Technical Research Papers

- **ARTIFICIAL INTELLIGENCE IN BRINGING ABOUT A REVOLUTION IN THE HEALTHCARE INDUSTRY**- (E-ISSN: 2456-5571) Jan 15, 2021
BODHI International Journal of Research in Humanities, Arts and Science, Centre for Resources, Research & Publication Services (CRRPS), India
(https://www.researchgate.net/publication/348705113_ARTIFICIAL_INTELLIGENCE_IN_BRINGING_ABOUT_A_REVOLUTION_IN_THE_HEALTHCARE_INDUSTRY)

ONGOING PROJECTS

- **Alive** - Our Project aims to solve the current huge problem of Oxygen and Vaccination due to COVID-19 pandemic. (Web App Dev+ Database creation + Backend and storage + ML& DL using Microsoft Azure)
- **Relief**- IOT Based Integrated Healthcare System Device (Hardware+ IOT cloud Platforms+ Flutter App+ MIT App Inventor) for Old care and all.

OTHER PROJECTS

Technical

- **Cyber Crime**- Cyber Theft and Cyber Deception.
- **Gyroscopic Technology** - Technical Blog
- **Augmented Reality Vs. Virtual Reality**

Environmental

- **Environmental Disasters**- Causes, Prevention, Mitigation
- **Environmental Hazards Due to upsurge in COVID-19 Bio-Medical Wastes**
- **Industrial Pipeline Corrosion**
- **Nutritional Deficiency In plants** - Survey with 5 angiospermic plants, Herbarium

Space

- **Space Debris**

Sociology

- **Stress faced by college students**- Survey, Report and Proposal
- **Poster** on Personal and Social Responsibility During Pandemic

Business

- **Comprehensive Business Model Development & Presentation** (Social Entrepreneurship; Theme: Food For All)
- **Business Model Development** on any topic in a team in 5 hours virtually

EXPERIENCE



GirlScript WoC

Open Source Contributor
August 2021-Present



LetsGrowMore

Web Development Intern
June 2021-Present



LetsGrowMore

Participant LGMSoC'21 (Open Source)
June 2021-Present



International Model United Nations

Official Campus Ambassador
June 2021-Present



IEEE Women In Engineering, VIT

Core Committee Member
Jan 2021-Present



IEEE Signal Processing Society, VIT

Core Committee Member
Jan 2021-Present



IEEE Professional Communication Society, VIT

Core Committee Member
May 2021-Present



Institution for Engineering and Technology, VIT

Core Committee Member
Dec 2020-Present



Students for the Exploration and Development of Space, VIT

Core Committee Member
Jan 2021-Present



Team UAV, VIT

Core Committee Member
Jan 2021-Mar 2021



Energy & Environment Protection Club, VIT

Core Committee Member
Jan 2021-April 2021

EXTRA-CURRICULAR SKILLS

- **Chess player**- Participated in 4 state-level tournaments
- **Singer & Composer**- Classical, Semi-classical, Modern and Western genre
- **Dancer**- Kathak

ACHIEVEMENTS

- Winner in Education Track in Access Denied'21, a 36 hours long International Hackathon, organized by IETE-ISF. 19th March to 21st March, 2021

Project "EduVision". Project Details-
<https://youtu.be/43FutdjrHhE>

- Secured position in Top 3 Girls Team in Hack NITP 3.0, a 60 hours long Hackathon, organized by NIT Patna. Project Details - Donation & Vaccine
(<https://youtu.be/orM0XbbdUcl>)

- Secured 7th place at DoubleSlash Hackathon conducted by Jadavpur University from 9th to 11th May 2021. Project Details - KrishiSahayak
(<https://youtu.be/mkJ4upvsbBM>)

HACKATHONS

- HackOff v3.0 IET VIT
- HackNITP 3.0 NIT Patna
- HackVerse 2.0 NIT Suratkal
- SheHacks'21 IIIT Allahabad
- Women Techies'21 DSC VIT
- Access Denied'21 IETE ISF VIT
- HackNITR 2.0 NIT Rourkela
- MozoHack 2.1 SRM KZILLA
- HackTriX IEEE SRM
- BU Hack Bennett University
- BitBox DSC JIIT
- KJSCE Hack 5.0 Code Cell
- iHack ISA VIT
- Tempora IEEE SPS VIT
- DoubleSlash IEEE Jadavpur University

BUSINESS COMPETITIONS

HULT PRIZE CHAMPIONSHIP 2021 On-Campus