

Supratik Chakraborty

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github.com/DeagleOfficial | Kolkata, India

EDUCATION

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY

Jul 2019 - Jul 2023

Bachelors of Technology (B.Tech) in Information Technology

- RCC Institute of Information Technology | GPA: 9.63
- **Coursework:** Data Structures & Algorithms, Image Processing, DBMS, OOP, Computer Networking, Cyber security, Computer Organization & Architecture, Discrete Mathematics, Statistics, Multivariate Calculus, Compiler Design, Formal Language & Automata Theory

EXPERIENCE

OPENTHRONE

Aug 2022 - Nov 2022

Software Engineer Intern (Full time)

Kolkata, India

- Built an AI-equipped web-based **SAAS** platform.
- Used **web technologies** such as Next JS, React JS, Node JS, MongoDB, REST API, Postman.
- **Refactored** existing company code-base of **5000+** lines.
- Added required **documentation** for the product.

SKILLS

- **Languages & Frameworks:** JavaScript (ES7), Typescript, React JS, Bootstrap, Tailwind, Node JS, Java, Flask, SQL, MongoDB, C, C++, Python, TensorFlow.
- **Platforms & Tools:** Google Cloud Platform, Docker, Git / GitHub, \LaTeX , Markdown
- **Soft Skills:** Management, Presentation, Communication, Teamwork
- **Languages:** English, Hindi, Bengali, German

PROJECTS

SENDNOTES

Nov 2022 - Dec 2022

Website for university students to share academic notes and resources with classmates / juniors.

github/sendnotes

- **Technology Stack:** Node JS, Express, MongoDB, React JS
- Created website for university students to share and sell academic notes, books and other resources.

PROJECT AUGEN

Aug 2022 - Nov 2022

Iris Recognition based User Authentication for Automatic Ticketing System.

github/project-augen

- **Technology Stack:** Python, React JS, RaspberryPi
- Worked on an Iris Recognition model for User Authentication based on Daugman's algorithm and a modified CASIA1 dataset.

THREEARES

Jul 2022 - Aug 2022

Online Platform for estimation of GHG emissions for construction of roads.

github/threeares-sih

- **Technology Stack:** React JS, Flask, Material UI
- Designed and developed full-stack solution with **5+** features for estimation of GHG emissions based on materials, equipment and routes for existing and prospective roads in India.

DERMADO

May 2021 - Sep 2021

Deep Learning for Skin Cancer Detection & Lesion Classification

github/dermado-app

- **Technology Stack:** React JS, Flask, TensorFlow, Heroku
- Collaborated with a team of textbf5 developers, optimized codebase & improved server response time.

POSITIONS OF RESPONSIBILITY

GOOGLE DEVELOPERS

Jun 2021 - Jun 2022

Google Developer Student Clubs (GDSC) Lead

Kolkata, India

- Established community of **800+** developers, initiated **5+** community projects, mentored **10+** first year students & conducted **15+** webinars, workshops, coding jam sessions & hackathons.
- **Empowered 5+ students** from **unconventional & non-technical** backgrounds to start their developer journeys.

ACCOMPLISHMENTS

- Qualified **Facebook Hacker cup** organized by **Meta Platforms Inc.** with a rank of **2865 / 13820** participants.
- Qualified for **Smart India Hackathon 2022** finals under Ministry of Rural Development, Govt. of India.
- Led a team of **5** developers to build a **Deep Learning solution** for Skin Cancer Detection and qualified to the **finals** of **AGBI Digital HealthTech International Hackathon 2020**.
- Worked with a team of 6 developers on an **IoT-based Med-Tech solution** for a warm-able patient mattress and won the **Young Innovator Award** at **Hack For India 2020**.
- Won the **Top Contributors award** from NeoAlgo for **Winter of Code 2020** by **GDSC NSEC**.