

SUBHANKAR DEB ROY

Graduate Trainee at Tata Consultancy Services

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SUMMARY

Highly motivated and professional computer and tech enthusiast. Proficient in Front-end Development and problem solving along with knowledge about database designing, server side scripting and process documentation. Possess exceptional communication and interpersonal skills with a proven ability to work independently and as part of a team.

EDUCATION

St. Edmund's College

Bachelor's Degree in Computer Application
2021 – 2024

Percentage: 82.94%

Hons. Percentage: 86.89%

St. Edmund's Higher Secondary

HSSLC in science stream

2019 – 2021

Percentage: 67.8%

All Saints' Diocesan Higher Secondary School

SSLC

– 2019

Percentage: 76.33%

SKILLS

- Problem Solving
- Internet of Things
- Java
- MySQL
- Database Management
- Frontend Development
- PHP
- Database Design
- DevOps (Git, Jenkins, Docker, Kubernetes)
- Documentation
- Business Skills
- Audio Video Production
- Photography/Videography

HOBBIES

- Singing
- Song Writing
- Painting
- Crafting
- Table Tennis
- Content Creation

PROFESSIONAL EXPERIENCE

Graduate Trainee

2024

Tata Consultancy Services | August 2024 - Present

- Initially trained to work on project using variety of technologies like Java, SQL/PLSQL, Unix and HTML, CSS, JS.
- Allocated to SAP project and trained to work with technologies like MS Azure, DevOps tools like Git, Jenkins, Docker and Kubernetes.

Resource Person for Arduino Workshop

2024

Design Innovation Centre | 2 Days

- Design Innovation Centre, North Eastern Hill University (NEHU) organized a 2-day workshop on Arduino Electronics.
- They invited me to be the resource person/instructor for the workshop.
- The participants were invited from different colleges in Shillong and from NEHU itself.
- Some of the participants were PhD pursuing students.

Summer Internship Training

2023

North Eastern Electric Power Corporation | June 2023 - July 2023

- Developed ITAMS (IT Asset Management System), a software for overseeing the company's IT assets, during my internship.
- It was built and developed the entire software based on the specifications provided by the assigned guide.

Workshop at IIT Guwahati

2023

Indian Institute of Technology, Guwahati | 2 Days

- Attended a 2 day workshop on Ethical Hacking & Cyber Security organized by IIT Guwahati and Techobyte.
- Got hands-on knowledge and experience on network models, network routing, cyber laws, pen testing, port scanning, and hacking of dummy FTP server

CERTIFICATIONS

- Value added Course on Research Methodology ~ Incubation Centre, St. Edmund's College in 2023
- Ethical Hacking and Cyber Security Workshop ~ Techobyte, IIT Guwahati in 2023
- Python 3.4.3 ~ Spoken Tutorial, IIT Bombay in 2022
- PC Assembly Workshop ~ St. Edmund's College in 2022

ACHIEVEMENTS

- In honour of AIR NXT's 75th anniversary, I was granted the chance to record an episode after winning the All-India Radio Shillong Speech Competition.
- 1 st prize winner in Model Making (Physical Model category) at Science Mela 2022, organized by St. Edmund's College's Science Club.
- First prize winner of the Short Video Making Competition hosted in St. Edmund's College in 2023 to commemorate World Photography Day.
- 3 rd prize winner in Model Making (Physical Model category) at Science Mela 2023, organized by St. Edmund's College's Science Club.
- 1 st prize winner in inter-college photography competition organized by NIT, Meghalaya in November 2023

EXTRACURRICULAR

- National Service Scheme (2021 – 2024)
- Secretary of House of Geeks Club, St. Edmund's College (2023-24)
- General Secretary of SEC Mass Media Club (2023-24)
- Technical Head of SEC Astronomy Club (2023-24)
- Founder and Coordinator of Ed-Frames, a yearly celebration of World Photography Day at St. Edmund's College
- Founder and Coordinator of Geeks Camp (Tech Fest) at St. Edmund's College
- Instructor for peer-to-peer crash courses under the computer club
- Member of Institution's Innovation Council, St. Edmund's College

PROJECTS

CureComet-The Pharma Website

2024

Tools: HTML, CSS, JavaScript, PHP, MySQL, XAMPP

- CureComet is a pharmaceutical website that allows users to purchase medications from local pharmacies that have enrolled with CureComet.
- Apart from purchasing medicines, the users can also book doctor's appointment or lab tests from their home as well as connect to mental health counselors across the country.
- It aimed to ease the process of buying medicines and booking doctor's appointments and lab tests.
- It also help the local vendors to increase their sales by reaching a bigger section of market.

Trash & Track-Smart Waste management system

2023

Tools: Arudino, esp8266, HTML, CSS, JavaScript, PHP, MySQL, XAMPP

- Trash & Track is a smart trashcan device that promotes garbage recycling. The rubbish that is thrown into the system is tracked and recorded in the database under the logged in user's name.
- The user is rewarded with points that may be redeemed for various goods offered on the website.
- Trash & Track's current prototype model can only detect Metal, Glass, and Paper/Opaque Plastic.
- The future version will be more efficient and superior to the existing prototype.

IT Asset Management System (ITAMS)

2023

Tools: MS Visual Studio, MS Access, vb.net

- The IT Asset Management System (ITAMS) is a Microsoft Visual Studio-based Windows application software that provides users with an interface for maintaining information about IT related assets data.
- The software's main goal is to help organization record and manage IT assets that are already in use or have been ordered. It also aids in keeping track of which assets are not being used by anybody in the organization.
- It enables the user to enter information about newly ordered assets as well as see information about assets that are presently in use in the office

Smart City Model

2022

Tools: Arduino, ESP8266, HTML, CSS

- Created a small functional model of a smart city here. It consisted of automated street lights that used an ultrasonic sensor to detect motion and turn on the street lights after a certain time if no motion was detected, a traffic gate that worked like a railway crossing gate so that no one jumped a red signal.
- It also contained a home automation using an ESP8266 that is connected to a Wi-Fi, the appliances can be controlled with buttons on a webpage created for the same.

Space Invaders Game

2021

Tools: Python programming, VS code

- Using the different libraries available in Python, recreated the classic arcade game "Space Invaders" with new additional features and graphics.