# Drubajyoti Debnath

Aspiring Software Engineer

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#### **EDUCATION**

#### Bachelor of Technology in Computer Science and Engineering

07/2022 to 07/2025

- Manav Rachna International Institute of Research and Studies, Faridabad

CGPA 7

#### Diploma in Computer Science and Technology

07/2019 to 07/2022

- National Institute of Electronics and Information Technology, Agartala

CGPA 8.2

#### **PROJECTS**

# • Machine Learning Chatbot (Weebeio) &

A user-friendly and personalized chatbot built using Chatterbot (Python)

- Developed a ML-based chatbot using Chatterbot and Flask, resulting in a 65% increase in user engagement.
- Crafted a customized User Interface design from scratch, leading to a 50% boost in user engagement.
- Led a team in optimizing back-end database performance, resulting in a 25% reduction in response time

# • CLI Library Management System &

A terminal based management system using Flat-File Database (C++)

- Implemented a file management database system, enhancing data organization and retrieval by 30%.
- Custom created more than 5 modules in C++, improving system functionality and performance.
- Created a system for student entry and ID card generation, improving student tracking by 60%.

# • CLI Student Management System &

A basic student management system with Flat-file database (C)

- Applied more than 8 functionality to add new student profiles, ensuring all necessary details are captured.
- Made a feature to display the list of students with 2 different types of viewing list.
- Added a search feature to quickly find student profiles using various search parameters with 43% accuracy.

# EXPERIENCE

### • Project Intern (On-site)

06/2023 to 08/2023

 $Electronics\ Test\ \mathcal{E}\ Development\ Center\ (Miet Y),\ Agartala,\ Tripura$ 

- Spearheaded the development of a comprehensive MIS, improving 30% better user-experience.
- Executed real-time tracking & automation reports, leading to a 35% improvement in decision-making efficiency.
- Redesigned UI/UX resulting in a 40% increase in operational efficiency and a 20% improvement in user satisfaction.
- Incorporated a document management system, streamlining the handling of over 1000+ documents and reports.

#### • Web Designer/Developer (On-site)

08/2019 to 03/2021

Software World Agartala, Tripura

- Completion of more than 25 web projects, resulting in a 70% enhancement in user-interface & user-experience.
- Successfully implemented Single Page Applications and Progressive Web Applications across 5+ software.
- Crafted 20+ innovative UI/UX prototypes and designs, enhancing visual appeal and user interaction.
- Customized unique logo designs for over 10 startups, boosting their brand identity.

# TECHNICAL SKILLS

**Programming Languages:** C/C++, Java, Python, PHP, SQL **Web Technologies:** HTML, CSS, JavaScript, SCSS, NextJS

Frameworks: AngularJS, Flask, Svelte, TailwindCSS

Tools: Unix/Linux, Git, Figma, GIMP, Android Studio, Inkscape

# ADDITIONAL

Areas of Interest: Web Development, Software Systems, UI/UX, Operating Systems, Netwoking TCP/IP.

Soft Skills: Strategic Thinking, Self-learning, Communication, Creativity, Committed, Innovation, Troubleshooting.

Certificates: Responsive Web Design(freeCodeCamp), Windows NT Server(STQC), Object Oriented

Design(LinkedIn), Andriod App Developer(NIELIT)