VICKY BHATTACHARYA

CONTACT

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SUMMARY

Enthusiastic and motivated B.Sc. IT (CTIS) student with a strong inclination towards Python programming and web development. Proficient in Python programming language, with a focus on web development frameworks such as Flask. Eager to explore and master new programming languages and technologies to enhance web development skills. Actively seeking entry-level opportunities in web development to leverage Python expertise and contribute to innovative solutions. Committed to collaboration, continuous learning, and problem-solving, with a passion for developing websites and finding creative solutions to challenges.

SKILLS

- **AWS Cloud Services**
- **MySQL Database Management**
- **Python (Programming language)**
- **Java**
- **Linux Operating System**
- **Web Development**
  - Flask, Flask-SQLAlchemy, Flask-Login, Flask-Mail, HTML, CSS, JavaScript
- **Web Security**
- **Soft Skills**
  - Observation and Decision Making
  - Communication and Multi-tasking

EDUCATION BACKGROUND

Techno India University

- **Bachelor of Science IT (CTIS)** - Ongoing
  - CGPA: 8.36 (Till 5th Semester)

- Expected completion: Aug 2024

St. Jude's High School

- **Class 12** from CISCE Board(ISC)
  - Percentage: 82.5%, Completed: 2021

St. Jude's High School

- **Class 10th** from CISCE Board(ICSE)
  - Percentage: 85.6%, Completed: 2019

ACHIEVEMENTS

- **1st place in CODEWAR** (Aug 2023)
  - Opted for Java to solve problems efficiently within the specified time.
- **Hackathon**
  - Developed part of the front end for the "Bibliophile" book donation platform (April 2023).
  - Solely pitched the idea, leading the team to qualify for the final round.

PROJECTS

Guardian Secure (Feb 2024 - Apr 2024)

- Spearheaded backend development using Python, Flask, SQLAlchemy, Flask-Mail, and Flask-Login.
- Implemented MySQL database integration for efficient data management.
- Developed authentication features and integrated email functionality.
- Orchestrated the integration of external tools into the web application.
- Created an admin page for the web app to regulate user accounts (CRUD operations) by building the frontend logic using JavaScript (fetching the backend API) and HTML/CSS, and the backend API using Flask.
- Currently in the process of deploying the web application on cloud platforms.
- Designed to streamline data management and ensure secure user authentication.
  - [Guardian Secure GitHub Repository](#)

Cine Bless (February 2024)

- Independently created CineBless, a movie ticket booking app, using Python Flask, HTML/CSS, SQLAlchemy, MySQL.
- Seamlessly blends my passion for cinema with technical expertise in a fun, personal project.
  - [CineBless Github Repository](#)

CERTIFICATION

- **Professional course in Java** - Jatiya Yuva Computer Shaksharta Mission, Kestopur
- **Python Essential Training** - LinkedIn Learning
- **AWS Certifications** - AWS Academy Cloud Foundations
  - View Certificate