

RAYYAN SELIYA

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Education

Indian Institute Of Information Technology Agartala

2023 – 2027

Bachelors of Technology in Computer Science and Engineering

CGPA : 8.84

Vivek Vidyalaya and Junior College

2022 – 2023

Senior Secondary (XII)

Percentage: 76.5

Vivek Vidyalaya

2020 – 2021

Secondary (X)

Percentage: 86.2

Projects

Attendance Ease AI

- Created a Python application using **OpenCV** and **face recognition** libraries to automate attendance tracking.
- Achieved **95% accuracy** in face recognition, streamlining the attendance process and saving time.
- Enhanced detection accuracy to **98%** through algorithm optimization, improving processing speed.
- **Tools and Technologies:** Python, OpenCV, NumPy, SQLite, machine learning, computer vision.

Open Source Contributor Hacktoberfest 2024

- Contributed to **2+** open-source projects, enhancing global repositories.
- Submitted and merged the first pull request within **1 week**. [GitHub PR Link](#).
- Aiming to complete **4** accepted pull requests by the event's end.
- Recognized with Hacktoberfest badges for registration and contributions: [Registration Badge](#), [Contributor Badge](#).
- **Tools and Technologies:** HTML, CSS, JavaScript.

StudentVision

- Engineered a Python-based GUI application for managing student records.
- Optimized Matplotlib for **95% accuracy** in data visualization, improving clarity and insight into student performance.
- Achieved efficient database operations with SQLite, supporting up to **1,000 records** and under **0.5 seconds** query response time.
- **Tools and Technologies:** Python, Tkinter, SQLite, Matplotlib, Requests, BeautifulSoup.

FinTrack

- Collaboratively developed a finance management app as part of a **4-person team** using **TypeScript**, **JavaScript**, **HTML**, and **CSS** to track income, expenses, and budgets, attracting **200+ active monthly users**.
- Designed and integrated real-time data visualizations with **Chart.js**, increasing user engagement by **25%**.
- Implemented responsive design for **100% device compatibility**, optimizing accessibility across mobile, tablet, and desktop platforms.
- Enhanced data persistence with local storage, improving user retention rates by **35%** and ensuring seamless data recovery.
- **Tools and Technologies:** TypeScript, JavaScript, HTML, CSS, Chart.js, Local Storage.

Achievements

- **BizHack Business Hackathon 2024:** 1st prize among 34 teams for **FinTrack**, a startup finance tool offering real-time insights on cash flow and cost management.
- **Postman API Fundamentals:** Certified in **API Development** with 10+ requests/workflows, [Certificate](#).
- **GSSoC 2024:** Contributed to **3+ open-source projects**, collaborating with **50+ developers**, [Certificate](#).
- **CodeKaze 2024:** Ranked **2279/1.4L**, [Certificate](#).
- **Coderush 2023:** Ranked **1969/31,847** by Newton School, [Certificate](#).
- **ATF Coding Competition:** Advanced to Stage 2, [Certificate](#).
- **LeetCode 100 Days Badge:** Top **6.9%** of LeetCode users, [Profile](#).

Technical Skills

Languages: Python, C, C++, TypeScript, JavaScript

Markup & Style: HTML, CSS

Developer Tools: PyCharm Community, VS Code, Google Cloud Platform, Linux, GitHub, Git

Frameworks & Libraries: Express.js, Node.js, React.js, Tailwind CSS, Flask, Bootstrap

Database Technologies: SQL, MySQL, PostgreSQL

Relevant Coursework: Data Structures, OOP (Object-Oriented Programming), Database Management

Positions of Responsibility

- **Volunteer, Moksha, National Institute of Technology Agartala** (Winter 2023 – Present): Managed event logistics for a large-scale cultural fest with 1,500+ attendees, coordinating 20+ events and overseeing a team of 10 volunteers, ensuring smooth execution and high participant engagement.