Rohan Ghosh

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EDUCATION

Institute of Engineering and Management   Kolkata, India
Bachelor of Technology - Information Technology; GPA: 8.25   *August 2021 - August 2025*
Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

Abbot Sishu Hall School   Hooghly, India
Indian School Certificate Exam(ISC) 10+2   *April 2020 - March 2021*

Don Bosco School   Bandel, India
Indian Certificate of Secondary Education(ICSE) 10   *April 2018 - March 2019*

SKILLS SUMMARY

- **Languages**:   C, C++, JavaScript, SQL, Bash, JAVA
- **Frameworks**:   Django, NodeJS
- **Tools**:   Docker, GIT, PostgreSQL, MySQL
- **Platforms**:   Linux, Web, Windows
- **Soft Skills**:   Leadership, Event Management, Writing, Public Speaking, Time Management, Problem Solving

EXPERIENCE

CodSoft Consultancy   Work From Home
Web Developer (Intern)   *1 Sep 2023 - 31 Sep 2023*
- **Basics**: Learned HTML and CSS to create and design websites
- **JavaScript**: Learned about javascript and its frameworks
- **Projects**: Did multiple projects like PortFolio Website, Landing Page, Simple Calculator

PROJECTS

- **WorkX(GitHub Link)**: Developed a sleek, AI-ready freelance marketplace using **Django**, **React**, and **MongoDB**, featuring a modern UI with functionalities like freelancer profiles and job listings. Integrated dynamic data fetching and built a scalable backend. Attracted over 1000 applications and 500+ active users within three months, driving a 50% boost in engagement through advanced search features anda 35% increase in retention via personalised email alerts. **Tech: Python, Django, HTML/CSS, Javascript, SQLite.(August '24)**

- **PrimeX(GitHub Link)**: A real-time emotion tracking application that uses your webcam to detect and analyze facial expressions. All processing happens locally in your browser for maximum privacy. Key features include: Real-time facial expression analysis with **TensorFlow.js**, Interactive dashboards and emoji overlays using **Recharts**, Support for **JSON** and **PDF** formats, All processing occurs locally in the browser, Optimized for all devices with **Tailwind CSS**. **Tech: Next.js 13 , TensorFlow.js , Recharts, Typescript, HTML/CSS, shadcn/ui , File-saver and jsPDF (November '24)**

- **Lexify(GitHub Link)**: Developed a web-based application that extracts YouTube video transcripts and generates concise summaries using AI. Implemented the solution using **Python**, **Streamlit**, **YouTube Transcript API**, and **Google Gemini API**. The project includes features like **automated transcript retrieval**, video thumbnail display, and **AI-driven content summarization** into bullet points. Designed a user-friendly interface to enhance accessibility and time efficiency for users, particularly for educational and professional purposes. Demonstrated expertise in API integration, generative AI models, and creating seamless web applications. **Tech: Python. (October '23)**

CERTIFICATIONS

- **IBM DevOps Introduction** from Coursera
- **Google Workspace Administration** Certificate from Coursera
- **Study Abroad Program** Certificate at **National University of Singapore** for **AIML, CyberSecurity**

HOBBIES

- **Video Editing** for Youtube(**Link**)
- **Gaming(Link)**
- **Keeping up with daily news**