Indranjana Chatterjee
Full Stack Developer

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EXPERIENCE

Hyland Software Solutions India LLP | R&D INTERN IN SOFTWARE ENGINEERING   Newtown, Kolkata | June 2025 – Aug 2025

- Architected and developed the Hyland Developers' Portal for the CUS team, orchestrating end-to-end implementation of core features.
- Designed and built custom frontend and backend plugins to extend portal capabilities and streamline developer workflows.
- Engineered email sign-in via GitHub OAuth, resolving a critical authentication challenge.
- Integrated tools like JIRA, SonarQube, etc. into the portal to automate processes and boost developer efficiency.

SKILLS

- **Programming Languages**: Java, Python, C, Html, CSS, JavaScript
- **Libraries and Frameworks:** Spring, SpringBoot, Maven, React.js, TailwindCSS, Express.js, Node.js
- **Database Management Systems**: OracleSQL, MongoDB, PostgreSQL
- **Software Engineering Principles:** Software Development Lifecycle, Object Oriented Programming (OOPs), Scrum
- **Software Engineering Tools:** Jira, Confluence
- **Version Control Tools:** Git, GitHub
- **DevOps Technologies:** Docker

EDUCATION

University of Engineering and Management, Kolkata   New Town, Kolkata
Bachelor of Technology in Computer Science and Engineering   2022-2026
CGPA: 9.58

St. Mary's Convent School, Howrah   Santragachi, Howrah
Higher Secondary Studies (ISC)   2020-2022
Percentage: 94.75%

St. Mary's Convent School, Howrah   Santragachi, Howrah
Secondary Studies (ICSE)   2008-2020
Percentage: 92%

PROJECTS

- **Hand Gesture Based Search Engine**   Technology Used: Python, OpenCV, Tensorflow, Mediapipe

  Developed a Python-based search engine using OpenCV, Mediapipe, and a custom-trained artificial neural network (ANN). The application captures real-time video feed from the user's webcam and recognizes hand gestures based on American Sign Language. Users can form queries by holding gestures for 2 seconds per character, and upon pressing the letter 'a', the constructed query is searched in the browser.

- **Medfolio**   Technology Used: MERN Stack, Gemini AI API, Razorpay

  Innovated a healthcare platform using ReactJS, Node.js, Express.js, MongoDB, and Gemini AI that identifies a person's disease from an image of their symptom and provides contact information for nearby doctors, along with the provision to book the doctor, have an appointment over a video call, and even view and manage prescriptions. This project provides a one-stop healthcare solution and reduces confusion and panic, helping users avoid taking the wrong steps, decreases user tension by 59%, and increases the effectiveness of getting a cure by 89%.

ACHIEVEMENTS

- **Winner of Healthcare domain at CodeCraft Hackathon, IEM Kolkata:** Won the Healthcare Domain category and awarded the Best Project.
- **Finalist at JPMC Code for Good, 2025:** Shortlisted in JP Morgan Chase & Co. Code for Good Hackathon, 2025 Mumbai(2025)
- **Card recipient, 1st year B.Tech at UEM, Kolkata:** Achieved 1st rank in the First Year and Second Year of B.Tech CSE batch (2022-2026) with a CGPA of 10.0 and 9.47 resp.
- **First Rank in UCODE6.0, UEM Kolkata:** Clinched first place in UCODE6.0, UEM Kolkata out of 200+ competitors.
- **Second Rank in Debugger, Ureckon UEM Kolkata**: Ranked second in the coding contest called Debugger hosted by UEM Kolkata.