

# SAHIL SAW

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## Experience

### I-Educative (Fintech)

| R&D (Remote)

Feb 2024 – July 2024

- Deployed a web app on **AWS** using **CloudFront**, **EC2**, and **S3**, reducing page load time by 30% and improving user retention.
- Built a **PERN**-based performance analyser, cutting debugging time by 40% through advanced issue tracking.
- Integrated Npcap and Fiddler to monitor network traffic, optimizing latency.

### Davaivala (Startup)

| UI/UX (Remote)

May 2023 – July 2023

- Designed UI/UX for the company's website and app using **Figma**, contributing to a **₹1 Crore investment**.
- Collaborated with stakeholders to refine prototypes for investor pitches.

## Education

### Noida Institute of Engineering and Technology | B. Tech

Greater Noida, UP | 2022–2026 | 7.11 GPA (up to 4<sup>th</sup> Sem)

- Relevant Coursework: Data Structures, Algorithms, Computer Networks, Cloud Computing, Operating System, DBMS

## Projects

### Kizuna chat application

[Live demo](#) | [GitHub](#)

- Developed a real-time chat app using the **PERN stack** with **Socket.io**, handling **100+ concurrent users**.
- Deployed on **AWS EC2** with **Nginx** and **PM2**, improving **server uptime by 99.9%**.
- Implemented **JWT** authentication, reducing authentication time by **30%**.
- Secured the application with **CORS**, **cookie-based authentication**, and **HTTPS**, ensuring **end-to-end encryption**.

## Achievements

- Competitive Programming:**
  - AIR 66** (Global Rank 403) in Codeforces Round 981 (Div. 3)
  - [Codeforces](#) Specialist (1498 rating, **top 4% in India**) | [CodeChef](#) 3-star (1609 rating)
  - Solved **1000+** DSA problems across multiple platforms including Leetcode.
- Meta Hacker Cup 2024:** Global Rank 2377 (AIR 553) in Round 1.
- Model United Nations (MUN) 2023:** Secured 3rd place as Russia's delegate.

## Skills

- Languages** : Java, Python, JavaScript
- Development** : React.js, Node.js, Express, REST APIs, Socket.io
- Database** : SQL, PostgreSQL
- Tools** : Git, GitHub, Unix/Linux
- Soft Skills** : Communication, Time Management, Teamwork, Problem-Solving, Critical thinking

## Certifications

- The Complete 2024 Web Development Bootcamp** : Dr. Angela Yu (Jun 2024)
- Object-Oriented Programming in Java** : UC San Diego (Nov 2023)
- Human-Centered Design for Inclusive Innovation** : University of Toronto (April 2023)