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 4th 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
- **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)