Arvind Shahi

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PROFILE

Full Stack Developer with Bachelors in computer Science and Engineering

EDUCATION

Lovely Professional university   *Punjab, India*
Bachelor of Engineering in Computer Science   2023 – 2027

- Ranked Among the top 1% of the batch
- Relevant coursework: **Full Stack Development**, **DevOps**, **Data Structures & Algorithms**

SKILLS

Technical: Python, C, C++, Mongo dB, Reactjs, Express, Nodejs, Nextjs, Java, PHP, HTML, CSS, JAVASCRIPT.
Tools: Git, Docker, Postman, MongoDB, Express.js, React.js, Node.js, VS Code, npm, Web pack.

CERTIFICATIONS

- **NPTEL Certification in Cloud Computing** – [IIT Khragpur] *([link](#))*

EXPERIENCE

Vasudeva Kutumba   *Dehradun, India*
Volunteer   01/07/2024 – 10/07/2024

- Volunteered with an NGO to provide free education to underprivileged children.
- Designed and delivered engaging lessons to improve students' understanding of core subjects.
- Developed strong communication and mentoring skills while creating a positive learning environment.

PROJECTS

Disaster Management Web App

- Built a Disaster Management web app using the **MERN stack** with real-time SOS alerts and chat via **Web Sockets**.
- Integrated **Google Maps API** for precise location sharing and added **offline functionality**.
- Enhanced emergency response efficiency by streamlining communication and access to help.

Strangers Meet app

- Developed a real-time video chat app like Omegle using **React, WebRTC, and Socket.IO**, enabling anonymous one-on-one video and text communication.
- Built a **custom matchmaking system** with Express and Socket.IO to pair random users in virtual rooms for seamless peer-to-peer connection.
- Deployed the frontend on **Vercel** and backend on **Render**, managing cross-origin communication and environment configurations efficiently.

ACHIEVEMENTS

- Successfully completed **NPTEL Certification in Cloud Computing**, issued by **IIT** Khargpur.
- **Finalist** in **Web-E-Stan Hackathon**, recognized for innovative web solution development.
- Solved 200+ questions on Leetcode.
- 2 star rating at code chef.