Sejal Jain

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Education

Indian Institute of Information Technology Una   **2021-2025**
Bachelor of Technology in Electronic and Communication Engineering   *Una, Himachal Pradesh*

Relevant Coursework

- Data Structures and Algorithm
- Database Management
- C C++
- Arduino
- Matlab
- Operating System
- Python
- VHDL
- Vivado
- Microprocessor and Controller

Experience

Hacktoberfest   **October 2023**
Contributor   *Remote*

- Achieved a milestone of **4 pull requests**, earning recognition through **4 badges** in an Open-Source event.
- Showcasing collaborative skills, effective problem-solving, and active community engagement.
- Demonstrated proficiency as a successful Frontend Web Developer through **JavaScript, React.js and APIs**

BharatIntern   **June 2023 - July 2023**
Front End Developer Intern   *Remote*

- Attained proficiency in **HTML, CSS, and JavaScript** through hands-on experience and successful projects during an internship.

Oasis   **Feb 2023 - March 2023**
Front End Developer Intern   *Remote*

- Mastered **HTML, CSS, and JavaScript** through immersive hands-on experiences and successful project achievements during internship tenure.

Projects

EduPulse: Empowering Students with education | *MongoDB, Express.js, React.js, Node.js*   **October 2023**

- Developed a project utilizing **Next.js**, a React-based web framework, for building robust frontend applications.
- Created interactive **e-learning platform** with multimedia, gamified lessons, integrating VR, AR, AI for immersive experiences.
- Designed and executed a holistic educational approach, featuring continuous assessment, **real-time feedback**, and comprehensive career readiness programs.

Generative AI | *HTML, CSS, JavaScript, API*   **September 2023**

- Spearheaded the creation of an **AI-powered product** using generative models for automated content creation.
- Successfully enabled design personalization by integrating advanced AI technology into the project framework.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Telephone Directory | *C*   **February 2022**

- Designed, developed, and maintained a robust telephone directory application in C, ensuring **efficient search and management features**.

Technical Skills

Languages: Python, C, C++, HTML/CSS, JavaScript, SQL, BootStrap, MongoDB, React.js, Node.js, VHDL
Developer Tools: VS Code, Code Block, Arduino IDE, Matlab, Xilinux Vivado
Technologies/Frameworks: Linux, GitHub

Leadership / Extracurricular

- **Headed** the content and design department of the **Astral club**, overseeing creative content production and aesthetic design initiatives.
- Executed the **PickPicPresent** event seamlessly as part of **Meraki**, the college's **cultural fest**.
- Highlight technical journey, align skills with **Force** and **Aavesh** Club's projects, fostering innovation, collaboration, and impactful contributions.
- Dedicated **sportsman**, excelling in teamwork, resilience, and achieving peak performance with passion and commitment.