# VAISHNAV SHARMA

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## SKILLS

- **Languages** - Typescript, Python
- **Frameworks** - React, Three Js, Django
- **3D Tools** - Blender, Unreal Engine

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## EXPERIENCE

### Software Engineer-I at *Hashedin By Deloitte*

- Frontend Development with **React**, including integration with RESTful backend systems and implementation of comprehensive routing for the creation of modular Single Page Applications.
- Backend REST API development utilizing **Django Rest Framework**, with a focus on user authentication features.
- January 2023- Present

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## PROJECTS

### Interactive 3D web environment (ThreeJs, Vite)

- Created a **real-time**, interactive 3D experience using **Three.js** for web browser rendering.
- Incorporating **Ray Casting** for interactive features and accurate object interactions.
- Implementing **Texture Baking** to enhance visual fidelity and performance.
- PSLV model - Demo - Source
- Low Poly Scene - Demo -Source

### Portfolio Website (Typescript, React, Spline Design)

- Interactive portfolio built with React, TypeScript, and 3D design from Spline.
- Using React components and **React Router** for content management, **Spline design** for interactive 3D content.
- Link - Source

### Plex Clone (React, Electron, Django)

- Developed a **scalable media streaming** application with a desktop interface (Electron, React)
- Implemented local network streaming functionality, allowing users to share and access **large media** content within their network.
- Integrated **token** based **user authentication** using Django for secure access and potential future personalization features.
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## COLLEGE

BTech CSE, UIT Shimla, GPA - 7.4