

SKILLS

- **Languages** - Javascript, Python
- **Frameworks** - React, Django, Three JS
- **Fundamentals** - Database schema design, Docker, Data Structures, Algorithms, and Linux Command line Basics

EXPERIENCE

Software Engineer - I at Hashedin By Deloitte

Javascript (React)

- Building Frontend projects with *React*, connecting it to a REST backend, and all the *routing*.

Python (Django)

- Creating REST API for applications, using Django Rest Framework. along with Token-based authentication and authorization.
- Using FFMPEG for video manipulation, and working with HLS and DASH files.

August 2022- Present

PROJECTS

Interactive 3D web environment (ThreeJs)

3D WebApp, users can look around and interact in a 3D environment on a browser.

- PSLV model - Hosted Link - Source
- Low Poly Scene - Hosted Link -Source

Twitter Like Social Media Platform (Django)

- User Authentication and users can create Textual+Image posts.
- Source

Making Text Recognition Model for E-Yantra Contest (Python, Opencv)

- Image processing with OpenCV and text recognition model trained from MNIST dataset
- Team Leader

Search Engine From Scratch (Django, BeautifulSoup)

- Implementing web crawler and page rank algorithm for sites
- Team Leader
- Source

Movie API (Django-REST Framework)

- Creating REST API to perform CRUD operations on movie data.
- Source

Python Maze Generator and Solver

- Generate Mazes using recursive backtracking, and solve using Graph Traversal Algorithms
- Implementing DFS, BFS, Dijkstra, A*, and Greedy Best First Search.
- Source

COLLEGE AND EDUCATION

BTech CSE, UIT Shimla, (76%)