

Himanshu Dewangan

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EDUCATION

- **B.E, Mechanical Engineering, CSVTU** July. 2012 – May. 2016 / Bhilai, India

TECHNICAL SKILLS

- JavaScript, Node.js, Python, MySQL, MongoDB, HTML, CSS
- Next.js, React, Tailwind, Express, Sequelize/Prisma - ORM, Mongoose - MongoDB

EXPERIENCE

- **Learning Software Engineering - Self taught programmer** Jan. 2022 – Present
- **Appeared for GATE and Govt. Examinations** May. 2016 – Dec. 2021

PROJECTS

- **Pandit.ai:** Developed a Multi-Page SPA, for various type of pooja listing and procedures to perform every pooja listed. The web app implement login, register and jwt authentication with logout functionality , stores cookie with an expiry time to authenticate bhakt. Check it out here <https://github.com/dewa-himanshu24/pandit.ai>. Used Next.js for UI , backend API, PostgreSQL and Prisma ORM for database.
- **Reunion:** Built a static SPA react app for real estate listing. The web app filters properties on rent based on 4 filter methods like location, date of renting, price range and type of property. Check it out here <https://github.com/dewa-himanshu24/reunion>. Used React for the UI and Bootstrap for styling.
- **Firm Listing Portal:** Created a web portal which fetch data like name and cin of a firm. The app implement search suggestion using zabuacorp api to fetch related search suggestions. Check it out here github.com/dewa-himanshu24/Marquee. The app supports pagination to limit number of data to be shown on home page. Used React for the UI. Node.js, PostgreSQL and Sequelize ORM for back end.
- **Thingverse:** Developed a web app, where specific types of 3D files like glb, gltf and fbx types of files can be uploaded. Used set of RESTful APIs to connect Frontend and Backend which are completely decoupled. Backend was powered by Node.js, AWS and MongoDB. Used HTML, CSS and Javascript on the UI, used fetch for accessing all the APIs, used Three.js library to render 3d models.
- **Taar:** Developed a messaging web-app, the system allows a user to register, login, add friend, respond to friend request and send/receive message from friends. Backend and Frontend for the system were designed to be completely decoupled. The UI talks to server via set of RESTful APIs authenticated via JWT token. The UI talks to api for register and login, api for adding friends, api for viewing/responding to friend request, api for sending/receiving messages. Back-end was powered by flask, SQLite. Used HTML, CSS and Javascript on the UI, used fetch for accessing all the APIs, used cookies to store and retrieve the JWT token.
- **The Hindu News Web Scraper:** Created a web scrapping script that fetches all the news articles from the top headline page of "The Hindu" News portal and output it on the console. Used cheer.io as parser, node.js for scripting. Check it out here github.com/dewa-himanshu24
- **Base64 Encoder:** Created a web-app which encodes given text in base64 encoding, used vanilla JavaScript and Bootstrap. Wrote the encoding algorithm from scratch. The project is deployed on GitHub pages, check it out here <https://dewa-himanshu24.github.io/>
- **HTML and CSS Projects:** Created Youtube Home Page Clone by using flex box and grid in CSS, Product Landing Page.