# Utkarsh Tiwari

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## Work Experience

### Ufaber Edutech
*Mumbai, India*

Software Developer
*Jan 2022 - Present*

- Designed a user-friendly Content Management System (CMS) built with **StrapiJS**, enabling seamless editing and updating of website content without requiring any coding knowledge and employed **GatsbyJS** as the frontend framework to create fast, static websites with optimal loading times, enhancing user engagement and satisfaction.
- Successfully designed and collaborated on a web application using **ReactJS, Redux**, and **Django**, **Django Rest Framework** that allows end users to schedule and join one-on-one sessions with teachers at their desired times. Utilized **Zoom APIs** to create and manage video conferencing sessions between users and teachers dynamically, providing a seamless experience for users which helps in **reducing email traffic significantly by 80%**.
- Spearheaded the development of a Landing Page Management System on **Astro**, a static site builder and content system, aimed at **improving page performance by an impressive 90%**.
- Created APIs using **Django** and **Django Rest Framework** to capture leads from various platforms such as Typeform, marketing landing pages and Facebook/Google marketing campaigns, utilizing algorithms to efficiently distribute leads to sales team for follow up.
- **Technical Skills:** React.js, Gatsby.js, Strapi, Redux, Python with Django, Django Rest Framework, Django ORM, Fast API, Zoom API
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

### Micro Engineers
*Noida, India*

Assistant Software Trainee
*March 2021 - August 2021*

- Utilized **Lazy Loading** for images and other assets, ensuring that only necessary resources were loaded, further enhancing page load times.
- Employed modern frontend techniques, such as **Code Splitting**, to reduce bundle sizes and optimize client-side rendering.
- **Technical Skills:** HTML, CSS, Javascript, React.js, Lighthouse, Lazy Loading

## Projects

### Foodbitesmeal

Django,Python,Javascript,Html,Css

- Designed and implemented the backend logic using Django models and views.
- Created an admin panel for easy management of reservations and table availability.
- Ensured secure user authentication and managed user sessions.
- Implemented real-time slot availability checking using JavaScript AJAX requests.

### Amazon Clone

React.js,Redux,Javascript,Html,Css

- Developed reusable and modular React components for the application's UI.
- Incorporated state management (Redux) to handle cart functionality.

## Skills

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|---|---|
| **Programming** | Python, Javascript, SQL, HTML, CSS |
| **Framework** | Django, Django Rest Framework, Django ORM, FastAPI, React.js, Redux, Gatsby.js, Strapi, Jquery, SCSS |
| **Miscellaneous** | Git, Nginx, Firebase, Linux, Shell (Bash/Zsh) |
| **Soft Skills** | Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation. |

## Links

**Portfolio**    Utkarsh-Tiwari-Portfolio

## Course Work

Data Structures and Algorithms, Database Management Systems, Object Oriented Programming(OOPs), System Design

## Education

### Jaypee Institute of Information Technology
*Noida, India*

B.Tech in Electonics and Communication Engineering
*August 2016 - June 2020*