UTKARSH AHUJA

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WORK EXPERIENCE

Backend Intern
EL-FI Homes

📅 Aug'23 - Sept'23

- Integrated Google **Solar API** to calculate user-specific solar panel savings estimates, significantly boosting user engagement by providing personalized and actionable information.
- Utilized **Maps API** for location data.
- Developed a secure admin panel within a **Next.JS** and **TypeScript** application for creating and managing blogs, implementing **JWT** authentication for data protection.
- Developed efficient **REST APIs**, optimizing data communication between frontend and backend systems.
- Successfully deployed the application on **AWS** using **NGINX** for high-performance delivery.
- Managed **DNS** configuration, ensuring seamless and reliable access to the deployed project.

Software Engineer Intern
MSIT Alumni Association

📅 Jun'23 - Jul'23

- Designed and developed efficient **RESTful APIs** to implement secure user authentication and authorization with **JWT**
- Developed **admin panel** for seamless alumni profile, events, and news management.
- Integrated real-time content posting and dynamic alumni profile display for user engagement.
- Developed a responsive UI using **React**, ensuring optimal cross-device user experience.
- Utilized Express.js and MongoDB for efficient data handling, while deploying on **AWS EC2** with **NGINX** and **Cloudinary** for image storage.

SKILLS

C/C++, JavaScript
Data Structures, Algorithms
NodeJS, ReactJS,MongoDB
Github, TailwindCSS

ACHIEVEMENTS

- Smart India Hackathon'23 Finalist
- Secured Rank 3 in VIT HackHub'22
- Secured Rank 1736 in CodeKaze Sept'23

PROFILES

- Github: UtkarshAhuja2003
- LeetCode: ahuja_utkarsh

PROJECTS

Avensis
GitHub | Link
- User-friendly fest portal for registration via Google accounts and instant pass downloads.
- Implemented secure **Google OAuth2.0** authentication
- Achieved **5000+** visitors and **1000+** registrations within 3 days
- Utilized **Node.js** and **MongoDB** managing registrations and event details.

IEEE MSIT
GitHub | Link
- Led a team of **30+ students** to develop the official IEEE MSIT website.
- Led **end-to-end** software projects, guiding teams in design and development.

UnityWorks
GitHub | Link
- Web app revolutionizing employment for both employers and **differently-abled** job seekers.
- Profile feature, allowing job seekers to highlight talents and skills
- Job seekers to easily **search**, **filter**, and **apply** for jobs matching their disability

ChatRoom
GitHub
- A cross-platform chat app in **C** using **Socket Programming** for real-time communication.
- Configured **TCP** sockets and documented the application for command-line use.

MeritBoost
GitHub | Link
- educational portfolio with **TypeScript** and **React** , featuring a trial class booking system
- Implemented a **Node.js** server with MongoDB for data management and **Nodemailer** for email communication.

EDUCATION

B.Tech - Information Technology
Guru Gobind Singh Indrapastha University

📅 2021-2025

CGPA : 8.6