

# UTKARSH AHUJA

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## Experience

### EL-FI Homes 🔗

Sept'23 – Nov'23

Software Engineer Intern

Remote - California, U.S.

- Developed a service to calculate user-specific solar panel details and savings by analyzing roof details, location, and electricity bills.
- Developed authenticated **admin panel** for managing blogs, user quotes, and contact details using **Node** and **Mongo**
- Developed the frontend interface using **Next.js** and **TypeScript**, and visually represented data using **Chart.js**
- Deployed the web application on **AWS** using **Nginx** for reliability.

## Projects

### MSIT Alumni Association | *React, MongoDB, Node, AWS*



- Developed a portal to connect college alumni with students, enabling networking, mentorship, and career guidance
- Implemented secure **RESTful** APIs with **JWT** for user authentication
- Admin panel to manage alumni profiles, events, and latest news using Node and MongoDB for database management
- Real-time content posting and dynamic alumni profile display for user engagement, using React with responsive design

### Avensis'23 | *Google OAuth, React, Passport, ExpressJs*



- User-friendly fest portal for easy registration with Google accounts and instant pass downloads
- Achieved over **5000** visitors and 1000 registrations within 3 days
- Integrated secure **Google OAuth2.0** authentication using Node.js, **Passport** and MongoDB to manage registrations and event details

### Legal Sarthi | *Next, TypeScript, AWS Extract, Appwrite*



- Developed a Next.js and Appwrite project linking litigants, advocates, and courts
- Enabled **e-filing** of cases using AWS data extraction
- Integrated a chatbot feature to provide legal assistance and prioritize cases for faster judgments.

## Open Source Contributions

### Appwrite | *PHP*

- Integrated Zoho OAuth Provider to Appwrite Authorization – PR
- Removed internal attributes and updated E2E tests on select query to reduce extra data per user request – PR

### MSIT.in | *Django, HTML/CSS*

- Maintained and updated college website with Django
- Made essential changes to improve user experience on the college website

### IEEE | Software Project Lead



- Developed the IEEE MSIT website
- Led a team of 30+ students in end-to-end software project development, providing guidance from design to deployment

## Achievements

- **Finalist** in **Smart India Hackathon**, a national-level hackathon, in 2023
- Ranked **3rd** from 80+ teams in the VIT HackHub 2022 - Project Link
- Achieved **Rank 1736** in CodeKaze September 2023 out of 100k participants

## Skills

C/C++, JavaScript, TypeScript

NextJs, NodeJs, ReactJs, MongoDB, PostgreSQL, Git, TailwindCSS

## Education

Guru Gobind Singh Indrapastha University

2021 - 2025

B.Tech. in Information Technology

CGPA: 8.6