

MOHAMMED HADI CA

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WORK EXPERIENCE

React Developer Intern, GPS RENEWABLES

JULY 2025-NOW

Enhanced an existing PDF annotation platform by implementing complete Polyline support, enabling users to draw, edit, view, and export annotations effortlessly. Designed and developed both the frontend drawing interface and backend integration to ensure smooth persistence, decoding, and export compatibility with standard PDF formats.

- Convert Konva coordinates to PDF space accurately.
- Frontend: TypeScript, Konva.js, React

Web Head - Technical Analyst(IEI - IEDC Tkmce)

AUG 2023-NOW

- Managed a team to build a complete website for the club activities
- Intelligently utilized the git version controller
- The website is currently running at "www.ieitkmce.com"
- I worked on the technical aspects of each event organized by IEDC TKMCE

EDUCATION

- **TKM College of Engineering , Kollam** (Electrical and Computer Engineering, 2022 - 2026)
- Secured a Rank of **4240** In all Kerala Engineering Entrance Examination (**JEE Main Qualifier**)
- Completed higher education with **96.90%** and

SKILL

- **Languages:** Java, JavaScript, TypeScript, C
- **Frameworks:** Node.js, Express, ReactJS, Tailwind CSS, Firebase, XGBoost
- **Tools & Platforms :** Git, AWS, Razorpay, JWT, ESP32, MySQL, popSQL, Vercel, Appscript, Django, Big Data
- **Computer Science Concepts :** Data Structures and Algorithms, Operating Systems, OOPS, DBMS
- **Soft Skills :** Time Management, Problem Solving, Team Collaboration

PROJECTS

UPI-Based Service Automation

- Integrated Razorpay payment gateway for seamless online transactions.
- Developed and maintained a full-stack application. frontend interface, and interactive web elements using React. Backend development, API creation, data processing, and automation using Django
- ESP32-AWS S3 bucket-based hardware solution.

EasyLancer

- a seamless communication platform tailored for freelancers and their clients.
- Intelligent Prompt Assistance,
- Dynamic Message Generation
- Multi-platform Accessibility,
- Customizable Prompt Library
- Analytics Dashboard

CNC Writing Machine

- Developed skills like research, programming, teamwork, leadership, etc.
- Arduino IDE
- Familiarized with various hardware components
- Inkscape, GRBL controller

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Line follower robot

- A car that automatically follows a black line on a white background.
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Website Development

- Developed a handful of websites using ReactJS, HTML, CSS, SCSS, and Tailwind CSS.

Apps Script, CSML, Python server projects, Firebase

- Effectively utilized AppScript for data collection
- managed to authenticate using Firebase
- created a WhatsApp bot using CSML
- Developed a middleman between HTTP and HTTPS using a Python server.

CERTIFICATIONS & ADDITIONAL INFORMATION

Big Data Computing

NPTEL

Hackathon Certification

IEDC TKMCE

Website Development Certification

Majors: HTML, CSS, JavaScript and Tailwind
TinkerHub Foundation

Volunteering Certification

Kerala startup Mission

Awards/Activities:

Hult Prize 2024: College-level finalist
IEDC & IEI TKMCE Chapter—Volunteered in organizing and managing events successfully.