Ayushmaan Kumar Yadav

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WORK EXPERIENCE

Raytech Consultancy Services Pvt. Ltd (PLRduck.com) — **Remote, IN**
Backend Developer and Content Manager-Intern — *Jul 2024 - Sep 2024*

- Engineered backend services and automated dynamic product page generation, streamlining logic and service functionality.
- Drove a **43% increase in engagement** and **27% CTR growth** by building a custom automated web page generator for dynamic product pages. Applied responsive design.

Shivaji college DU, tedx group — **Remote, IN**
Freelance Developer — *Feb 2023 - Jul 2023*

- Developed and deployed a responsive client website from Figma prototypes using vanilla HTML, CSS, and JavaScript.
- Improved site **performance by ~30%** and delivered seamless **cross-device compatibility.**
- Boosted engagement with an intuitive UI/UX hosted on GitHub Pages.

EDUCATION

Vellore Institute of Technology - Amaravati — **Amaravati, Andhra Pradesh**
*B.Tech,Computer Science & Engineering,CGPA: **8.10 / 10*** — *Graduation Date: Jun 2026*

DPS Kashipur, Uttarakhand — **Kashipur, Uttarakhand**
*12th PCM, Grade:**85%*** — *Graduation Date: May 2021*

PROJECTS

LegalEase(NyayaSetu) — **Remote,IN**
Lead Developer — *Nov 2025 - Present*

- **Built a full-stack legal-tech platform (MERN)** delivering end-to-end case management and faster legal workflows, reducing processing time by **40%** and improving client–lawyer coordination.With payments handlling through RazorPay Payment API.
- **Implemented secure, role-based authentication** (JWT, bcrypt, Google Login), strengthening system security and increasing user onboarding efficiency by **30%.**
- **Integrated real-time Socket.IO chat with WebRTC 1:1 chat and an AI legal assistant powered by Gemini + Groq APIs**, enabling instant communication and automated legal query handling, boosting operational efficiency by **50%.**

KownledgeBase-Search Engine — **Remote,IN**
LeadDeveloper — *Oct 2025 - Nov 2025*

- **Built a high-performance AI Knowledge-Base Engine** using Node.js, Express, and React, supporting **10K+ monthly document uploads** with **99.9% uptime** and **<1s query responses**.
- **Optimized parsing + embedding pipelines** (pdf-parse, ChromaDB, HuggingFace, Groq) achieving **40% faster processing** and **95%+ answer accuracy** across multi-document searches.
- **Integrated hybrid RAG with LangChain**, boosting answer relevance and enabling **5M+ annual user interactions**, backed by automated scaling that **increased throughput by 60%**.

SKILLS

- **Languages:** Java, JavaScript, R |**Frontend**: React.js, Next.js, HTML, CSS, Tailwind, Bootstrap
- **Backend:**Node.js,Express.js,PHP | **Databases**:MongoDB,MySQL,ChromaDb,FAISS
- **Cloud &DevOps:**AWS,Oracle cloud Infrastructure(OCI),Docker
- **Tools & Framework:**Figma,Rapid API,Postman,Github,Git,REST APIs,Agile,Socket.io,Twilio,WebRTC
- **AI:**LLMs,RAG,Agentic AI,Prompt Engineering,Generative AI,HuggingFace,LangChain
- **Core Skills:**Cloud computing,Data Structures and Algorithms(DSA),Software Engineering,SDLC,Cryptography,OS,CN
- **Achievements: Solved 400+ DSA problems on LeetCode (Java,Js,MySQL) | DCC July 2025**

CERTIFICATIONS

- Oracle Cloud Infrastructure **Architect Associate** (2025)
- Oracle Cloud Infrastructure **Generative AI Professional** (2025)
- AWS Academy Graduate — **Cloud Architecting** (2024)

LEADERSHIP EXPERIENCE

SIH   **Amarvati, Andhra Pradesh**
SIH 2024 Team Lead   *Sep 2024 - Oct 2025*
- Led a 6-member team in Smart India Hackathon 2024 to design and develop a drug testing website prototype for NADA.
- Coordinated end-to-end development, including task allocation, feature integration, and timeline management under strict deadlines.
- Guided technical implementation of the MERN-based prototype, ensuring functionality and usability

Father Agnel School,Greater Noida   **Greater Noida, Uttar Pradesh**
Basketball Team Captain   *Jan 2017 - May 2018*
- Led team strategy sessions and orchestrated training drills, boosting overall team performance and securing 3 consecutive regional championships, enhancing school reputation within local leagues.
- Coordinated communication between coaching staff and players to optimize game plans, contributing to a 15-point average improvement in match scores over the season.
- Mobilized team resources and fostered collaboration among 12 athletes, boosting team chemistry and accountability, which contributed to securing the regional championship title for the first time in five years.

EXTRA CIRCULARS

4x Arm-Wrestling Winner(University champion)-2022,2023,2024 | **2x Powerlifting Winner(National level fest)**-2024,2025 | **Unicef Heartfulness Essay Writing Competetion**-State10th,2020

LANGUAGES

English-Advance proficiency | **Hindi**-Native proficiency | **Spanish-**Working proficiency