

Akhilesh Jyotishi

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EDUCATION

- Indian Institute of Information Technology Lucknow** Nov. 2022 – June. 2026
 - B.Tech in Computer Science and Artificial Intelligence - CGPA: 8.3*
- Maharishi Vidya Mandir, Mandla** Mar. 2019 – May 2021
 - CBSE Class X - 90.6% ; CBSE Class XII - 92.4%*

EXPERIENCE

- Software Engineering Intern — Graphity** Remote May 2024-Aug. 2024
 - Project - GCL*
 - Developed backend APIs in Node.js and integrated Socket-based communication, increasing engagement by 45%.
 - Improved API response time by 35% through database indexing and query optimization, supporting **20K** users.
 - Collaborated with teams to integrate dynamic avatars and real-time chat, boosting platform adoption by 30%.
- Software Engineering Intern — Decentralized Certificates Project** IIIT Lucknow, India May 2024-Current
 - Built a decentralized certificate platform using Soulbound Tokens on Solana, issuing 500+ tamper-proof certificates.
 - Automated certificate generation cutting manual effort by 80% & eliminating physical proof needs.
 - Enabled 100% verifiable certificates, improving trust and transparency for institutions and verifiers.

PROJECTS

- GamersHub** *Nextjs, Docker, AWS, Postman, Swagger, Typescript, Prisma, PostgreSQL*
 - Optimized performance by 25% and enhanced UX with responsive design. Decreased page load time by 30%.
 - Integrated AI-powered content generation tools, boosting content creation speed by 40%.
 - Implemented asynchronous multiple file uploads, swagger Docs, docker & Github actions for CI/CD.
- EduProctor** *Next js, Node js, stream.io, TensorFlow, MediaPipe, T5-transformer*
 - Leveraged AI to monitor online exams, reduced cheating incidents by 40% and increased exam integrity.
 - Integrated real-time **WebRTC** with **TensorFlow.js** and MediaPipe boosting Online Learning Experience by 60%.
- Arc** *Next js, Solidity, Slither, Hardhat, Foundry, Gemini, AI models*
 - Reduced development time by 30% and increased deployment efficiency by 40% through optimized automation.
 - IDE includes an AI-powered vulnerability checker that detects 95% of common security issues during development.

ACHIEVEMENTS

- Specialist** at Codeforces (rating **1516**), **3 Star** at Codechef (max-rating **1614**) and **1645** at **LeetCode**.
- Solved **700+** questions across various coding platforms.
- Achieved **Global rank** of **253** in Codechef Starters 150.
- Achieved **Global rank** of **1755** and **3400** in Codeforces Round 951 and 963 (Div. 2) among 25000+ participants.
- Came **1st** in Kiichain Hackathon for **Infra and Tooling** track among 100+ teams, securing prizes worth over \$3000.
- Won U-hack** with NexLayer & placed **Runner-Up** at RTF Hackathon with BetBlitz, earning prizes totaling **\$14K**.
- Google Launchhacks-III** Secured 5th position in Launchhacks III organized by **Google** with Eduproctor.
- Actively contributed to **ExpressoTS** and successfully implemented helmet and passport middlewares in its library.

TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, Java, Python, SQL, C++.
- Developer Tools:** Git, Github, Vertex AI, Tableau, PowerBI, Vs code, Vim, Google collab.
- Machine Learning Libraries:** Numpy, pandas, OpenCV, Scikit-learn.
- Web Development Tools:** AWS, MongoDB, Prisma, Firebase, Supabase, PostgreSQL, AWS Lambda, RESTful APIs, Strapi, Three.js, React, Next.js, Node.js, Express.js, Tailwind CSS, Radix UI, Headless UI.
- Web3 Tools:** Solidity, Clarity, Web3.js, Hardhat, Thirdweb, Chainlink, Slither, Ganache.
- Academic Courses:** Operating System, OOPs & System Design, DSA, DBMS, CN.

LEADERSHIP AND POSITION OF RESPONSIBILITY

- Web Wing Coordinator:** facilitated regular live sessions to enhance development learning and foster knowledge acquisition.
- Web3 Wing senior Member:** Mentored juniors in blockchain development and organized hackathons.