

Ayush Upadhyay

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PROFESSIONAL SUMMARY

Innovative Full-Stack Developer and AI specialist with 5+ hackathon wins. Proficient in modern web technologies, cloud services, and AI/ML frameworks. Strong team leader driving projects from ideation to execution with experience in open-source contributions and large-scale application development.

PROFESSIONAL EXPERIENCE

AI Developer Intern

- Nokia May 2025 - August 2025
- Developed AI models for telecommunications, improving network efficiency by **25%**
 - Implemented AI solutions for network optimization, reducing downtime by **30%**
 - Designed scalable data pipelines for processing network telemetry data
 - Contributed to research on next-gen AI applications in 5G/6G networks

Technical Lead

- Association of Computer Machinery July 2024 - April 2025
- Orchestrated development of a scalable platform, increasing registration by **50%**
 - Spearheaded website development, improving user engagement by **60%**

AI/ML Developer and Web Developer

- Microsoft Innovation Club December 2023 - April 2025
- Created AI models with TensorFlow/PyTorch, increasing accuracy by **30%**
 - Engineered ML-powered web features, enhancing engagement by **30%**
 - Created content reaching 5,000+ audience through targeted marketing

KEY PROJECTS

DhanGyan (Financial App)

- dhan-gyan.vercel.app
- AI-driven platform with blockchain & IoT for artisans
 - Increased user engagement by **40%** with AI analytics

TruthLens

- truthlens-self.vercel.app
- AI-based news verification with fact-checking & NLP
 - Features for image authenticity & podcast generation

Echo-Med-AI

- github.com/Ayushdevx/EchoMedAi
- AI tool transforming smartphones into medical diagnostic devices
 - Used deep learning for clinical-grade diagnostics

EcoNet Infinity

- econet-infinity.vercel.app
- Platform for energy-efficient telecom networks
 - Used AI, blockchain & digital twin technology

EDUCATION

Bachelor of Technology in Computer Science Engineering

- Specialization in Artificial Intelligence and Machine Learning • Vellore Institute of Technology • Chennai, India • 2023-2027 • 8.5 CGPA
- Won 6 national-level hackathons • Member of 10 clubs, lead of 4 technical clubs
 - Official Innovation Ambassador certified by Ministry of Education
 - Worked on, filed, and published research paper and patent

Intermediate 10th & 12th

- PM Shri Kendriya Vidyalaya Aliganj • Lucknow • 2022
- School Captain • Awarded by Education Minister for Science Project

ACHIEVEMENTS

- Won 5 national-level hackathons
- Filed patent for innovative technology solution
- Certified Innovation Ambassador
- Contributed to research paper on AI applications
- Developed 4 successful open-source projects
- Created content reaching 5,000+ audience

TECHNICAL SKILLS

Frontend

- HTML5/CSS3/JavaScript/TypeScript
- React.js/Next.js/Vue.js/Angular
- Tailwind/Material UI/Bootstrap
- Redux/Context API/Zustand

Backend

- Node.js/Express.js/NestJS
- Django/Flask/FastAPI
- Spring Boot/.NET Core
- GraphQL/REST API

Database/Cloud

- MySQL/PostgreSQL/MongoDB
- Firebase/Supabase/Redis
- AWS/Vercel/Netlify/DigitalOcean
- Docker/Kubernetes/CI/CD

AI/ML

- TensorFlow/PyTorch
- OpenCV/NLTK/Transformers
- LangChain/LlamaIndex
- Computer Vision/NLP

Languages & Tools

- Python/JavaScript/TypeScript
- Java/C++/Go/Rust
- SQL/NoSQL/Shell Scripting
- Git/GitHub/Jira/Figma

LANGUAGES

English | Hindi | Spanish

CERTIFICATIONS

Accenture - Data Analytics and Visualization

- Accenture North America • 2024
- Analyzed datasets for content trends and developed strategic approach for data-driven decision making

GitHub Professional Certificate

- GitHub • 2024
- Advanced project management, deployment techniques, and collaborative development workflows

CORE COMPETENCIES

- Full-Stack Web Development
- AI/ML Model Development & Deployment
- Cloud Architecture & Microservices
- UI/UX Design & Implementation
- Agile Project Management
- Technical Leadership
- Cross-functional Team Collaboration
- Problem-solving & Critical Thinking
- Data Analysis & Visualization
- Mobile App Development