

Ayush Kumar Anand

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EDUCATION

Indraprastha Institute of Information Technology

New Delhi, IN

Bachelor of Technology in Computer Science and Artificial Intelligence

Aug. 2023 – May 2027

- Relevant Coursework: Introduction to Programming, Data Structures & Algorithms, Advanced Programming, Statistical Machine Learning, Operating Systems, Database Management Systems, Linear Algebra, Probability & Statistics, Discrete Structures, Multivariate Calculus

EXPERIENCE

Full Stack AI Engineer Intern

May 2025 – Present

AIPHI AI

Remote

- Actively contributing to the development of AI agents using Generative AI to automate workflows.
- Responsible for designing agent workflows, developing backend APIs for AI services.

Web Developer Lead

Jan 2025 – April 2025

Audient - Startup

New Delhi, IN

- Led the development of an event booking platform for comedy, poetry, and music shows, increasing audience engagement by 60%.
- Designed and implemented an intuitive admin dashboard for event organizers, reducing event setup time by 50%.
- Optimized website performance through code refactoring and efficient data handling, improving average page load speed by 40% and enhancing SEO rankings.
- **Tech Stack:** Typescript, Next.js, Prisma, Supabase, Turborepo, Tailwind CSS, Razorpay, Better-Auth, Resend
- **Live Link:** audient.in

Web Developer

Dec 2024 – Jan 2025

Cyborg IIITD - AI Club

New Delhi, IN

- Spearheaded the development of the official AI Club website, implementing optimizations that improved page load times by 35%.
- Integrated real-time event announcements and a dynamic blog section, boosting user engagement by 50%.
- Collaborated with club members to translate AI promotional strategies into key website functionalities, enhancing outreach and member interaction.

PROJECTS

Benkyoshi | *TypeScript, Next.js, PostgreSQL, Drizzle, BullMQ, Redis, Better-Auth, Gemini API* April 2025

- Developed an AI-powered platform transforming YouTube playlists into interactive courses, automating educational content generation using LLMs.
- Enhanced learning outcomes by implementing AI-generated notes, quizzes, revision materials, and adaptive learning paths, leading to high user satisfaction.
- Engineered intelligent video parsing and topic extraction modules achieving over 98% accuracy in content summarization.
- Streamlined course creation to a one-click process with structured modules, resulting in a 70%+ average course completion rate.

CVision | *TypeScript, Next.js, PostgreSQL, Prisma, Better-Auth, Supabase, Tailwind CSS, GenAI* March 2025

- Built an AI-driven recruitment platform automating CV analysis and candidate matching for over 10,000+ monthly applications.
- Implemented intelligent algorithms for resume parsing (skills, experience, education) with 95% extraction accuracy.
- Designed a responsive, scalable interface reducing job posting and candidate shortlisting duration by 40%.
- Integrated AI-driven match scoring to rank candidates, boosting hiring efficiency by 60%.
- Ensured enterprise-grade security with recruiter verification via company email OTP, securing 100% of recruiter accounts.

RE-DACT | *TypeScript, Next.js, Tailwind CSS*

Dec 2024

- Developed a web platform for automated redaction of sensitive data from documents, supporting 10+ file formats.
- Engineered a responsive and scalable interface using Next.js for efficient and seamless data redaction workflows.
- Implemented robust data security measures, focusing on client-side processing where feasible and secure handling of data.

Universe Research | *TypeScript, Next.js, PostgreSQL, Prisma, Next-Auth, Tailwind CSS*

Nov 2024

- Developed an intuitive platform for students to explore and apply for diverse research projects, improving discoverability.
- Enabled professors to efficiently post and manage research openings, reducing manual screening efforts by 40%.
- Integrated communication tools to streamline interactions between students and professors throughout the application process.

Blogging Website | *TypeScript, React.js, PostgreSQL, Prisma, TailwindCSS, Cloudflare Hono*

Oct 2024

- Engineered a full-stack blogging platform featuring real-time collaborative editing capabilities.
- Implemented secure user authentication, profile management, and a rich-text editor for an enhanced content creation experience.
- Ensured application security by mitigating common web vulnerabilities such as SQL Injection and XSS.

Crop Buddy | *Dart, Flutter, TensorFlow Lite*

Sept 2023

- Developed a Flutter-based mobile application for crop disease detection, achieving 95% classification accuracy.
- Integrated a TensorFlow Lite model for efficient on-device image processing, reducing analysis time by 70%.
- Provided multilingual support for 5+ regional languages, enhancing accessibility for a diverse user base.

ACHIEVEMENTS

- 2nd Place - Smart India Hackathon 2024 (National Level, out of 100+ Teams) (Dec 2024)
- Achieved Codeforces Rating: 1245 (Pupil)
- Secured Rank 4291 in Codeforces Round 964 (out of 30,000+ global participants)

TECHNICAL SKILLS

Languages: C/C++, Python, Java, HTML, CSS, JavaScript, TypeScript, Rust, Dart, SQL

Frameworks/Libraries: Node.js, Express.js, React.js, Next.js, Cloudflare Hono, Anchor, Flutter, Pandas, NumPy, Matplotlib, Scikit-Learn

Developer Tools: Git, GitHub, Solana, Docker, Tailwind CSS, Redis, BullMQ, Supabase, Razorpay, Next-Auth, Better-Auth, Resend

Databases: PostgreSQL, MongoDB, Prisma (ORM), Drizzle (ORM)

AI/ML: Generative AI, Machine Learning, Scikit-Learn