

# 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

### Web Developer Lead

Jan 2025 – Present

Audient - Startup

New Delhi, IN

- Built an event booking platform for comedy, poetry, and music shows, increasing audience engagement by 60%
- Forged a highly performant event platform utilizing Next.js, TypeScript, and Supabase; facilitated a 40% reduction in server response times
- Designed and implemented an admin dashboard for event organizers, reducing event setup time by 50%
- Optimized website performance, improving page speed by 40% and increasing SEO rankings
- **Tech Stack:** Typescript, Next.js, Supabase, Drizzle ORM, Turborepo, Tailwind CSS, Razorpay

### Web Developer

Dec 2024 – Jan 2025

Cyborg IIITD - AI Club

New Delhi, IN

- Led the development of the official AI Club website, improving load times by 35%
- Integrated real-time event announcements and blog updates, increasing user engagement by 50%
- Worked closely with other members to align the website's functionality with the club's mission of promoting AI awareness and innovation

## PROJECTS

### RE-DACT | Typescript, Next.js, Tailwind CSS 🔒

Dec 2024

- Built a web-based platform for automated redaction of sensitive data, supporting 10+ file formats
- Delivered a responsive and scalable interface, facilitating seamless and efficient data redactions
- Ensured robust data security by implementing industry standards and best practices for safeguarding sensitive information

### Universe Research | Typescript, Next.js, PostgreSQL, Prisma, Next-Auth TailwindCSS 🔒

Nov 2024

- Designed an intuitive interface allowing students to explore diverse research projects and opportunities
- Enabled professors to post research openings, reducing manual screening efforts by 40%
- Facilitated seamless collaboration between students and professors through integrated communication tools
- Enhanced accessibility and streamlined the research application process, fostering a more productive academic community

### Blogging Website | Typescript, React.js, PostgreSQL, Prisma, TailwindCSS, Cloudflare Hono 🔒

Oct 2024

- Developed a full-stack blogging platform with real-time collaboration for blog editing
- The website features user authentication, profile management, and a rich-text editor for blog content
- Ensured application security by preventing common vulnerabilities like SQL Injection

### Crop Buddy | Dart, Flutter 🔒

Sept 2023

- Developed a Flutter-based mobile app that detects crop diseases, achieving 95% accuracy in disease classification
- Integrated a TensorFlow Lite model for on-device image processing, reducing analysis time by 70%
- Ensured accessibility by providing multilingual support for 5+ regional languages

## HACKATHONS

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### 2nd Place - Smart India Hackathon 2024 (Out of 100+ Teams)

Dec 2024

*Web Developer*

*TrueSight IIITD*

- Led the development of RE-DACT, a redaction tool, as part of the Smart India Hackathon 2024
- Built using Next.js for a responsive user interface, ensuring smooth interaction across multiple platforms
- Developed a scalable architecture to handle different file formats, allowing users to redact files seamlessly
- Focused on maintaining the privacy and security of user data during processing, adhering to industry best practices for sensitive data management
- Worked in collaboration with a multidisciplinary team, demonstrating excellent teamwork, problem-solving, and technical skills under tight deadlines

## ACHIEVEMENTS

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- Achieved a Codeforces rating of 1245 (Pupil)
- Secured a Rank of 4291 in Codeforces Round 964 out of 30,000+ participants

## TECHNICAL SKILLS

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**Languages:** C/C++, Python, Java, HTML, CSS, Javascript, Typescript, Rust, Dart

**Frameworks:** Node.js, Express.js, React.js, Next.js, Electron.js, Flutter

**Developer Tools:** Git, Github, Docker, TailwindCSS, MongoDB, PostgreSQL, Drizzle, Prisma, Supabase, Razorpay

**Libraries:** pandas, NumPy, Matplotlib, Scikit-Learn