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*
- Engineered a dynamic event booking platform for comedy, poetry, and music shows (both online & offline), enhancing audience engagement and accessibility
- Developed the platform from the ground up using Next.js, TypeScript, and Supabase, ensuring top-tier performance, scalability, and developer efficiency
- Built a powerful admin dashboard for event organizers, enabling seamless event creation, ticket pricing, attendee management, and revenue tracking for complete operational control
- Optimized website performance, increasing page speed by 40% and improving 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*
- Collaborated with a team to design and develop the official website for the AI Club using Next.js, ensuring high performance, scalability, and responsiveness
- Integrated dynamic functionalities, such as event announcements, blog posts, and member profiles, to keep the website up-to-date and interactive
- 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 various 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, PostgresSQL, Prisma, Next-Auth TailwindCSS* ⭕   Nov 2024
- Designed an intuitive interface allowing students to explore diverse research projects and opportunities
- Created a system for professors to share research openings, specify their academic interests, and find suitable candidates
- 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, PostgresSQL, Prisma, TailwindCSS, Cloudfare Huno* ⭕   Oct 2024
- Developed a full-stack blogging platform enabling users to create, edit, and publish blogs
- The website features user authentication, profile management, and a rich-text editor for blog content
- Designed and implemented the backend API for CRUD operations
- Ensured application security by preventing common vulnerabilities like SQL Injection

Crop Buddy | *Dart, Flutter* ⭕   Sept 2023
- Developed a Flutter-based mobile app that helps farmers detect crop diseases by analyzing uploaded images
- Integrated a TensorFlow Lite model for on-device image classification, enabling offline disease detection
- Designed an intuitive UI to ensure accessibility for non-tech-savvy farmers
- Implemented multilingual support to reach a wider audience of farmers across different regions

Hackathons

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, dynamic 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

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

Technical Skills

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, PostgresSQL, Drizzle, Prisma, Supabase, Razorpay
Libraries: pandas, NumPy, Matplotlib, Scikit-Learn