Ayush Kumar Anand

+91–8130418965 | ayushkumar.swe@gmail.com | portfolio | linkedin.com/in/ayush | github.com/ayushk-1801 | x.com/ayush

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 Enginner Intern   May 2025 – Present
AIPHI AI   *Remote*

Web Developer Lead   Jan 2025 – April 2025
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, Prisma 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, 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*
- 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

Benkyoshi | *TypeScript, Next.js, PostgrSQL, Drizzle, BullMQ, Redis, Better-Auth*   April 2025
- Developed an AI-powered platform that transforms YouTube playlists into structured, interactive courses, automating educational content generation
- Implemented features like AI-generated notes, quizzes, revision material, reference links and adaptive learning paths, enhancing engagement and learning outcomes
- Built intelligent video parsing and topic extraction tools to generate modular course content with over 98% summary accuracy
- Enabled one-click course creation with structured modules, tracking 70%+ average course completion rate across users

CVision | *Typescript, Next.js, PostgreSQL, Prisma, Better-Auth, Supabase, Tailwind CSS*   March 2025
- Developed an AI-powered recruitment platform that automates CV analysis and candidate matching, processing over 10,000 applications monthly
- Implemented intelligent algorithms to extract skills, experience, and education from resumes with 95% accuracy
- Designed a responsive and scalable interface, reducing job posting and candidate shortlisting time by 40%
- Integrated AI-driven match scoring to rank candidates based on job requirements, increasing hiring efficiency by 60%
- Implemented enterprise-grade security measures, ensuring compliance with industry standards and enhancing trust through recruiter verification via company email OTP authentication, securing 100% of recruiter accounts

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 Tailwind CSS* ⦿   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, Cloudfare 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

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

- 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, PostgreSQL, Drizzle, Prisma, Redis, BullMQ, Supabase, Razorpay, Next-Auth, Better-Auth, Resend, GenAI
Libraries: pandas, NumPy, Matplotlib, Scikit-Learn