Anik Kaushesh

Anikkaushesh.me | +91 70097 48749 | anik.kaushesh@gmail.com | linkedin.com/in/anik-kaushesh
github.com/akaushesh | leetcode.com/ak_kaushesh

Education

Thapar Institute of Engineering and Technology Aug. 2023 – May 2027
Bachelor of Engineering in Computer Engineering *Patiala, Punjab*

- Current CGPA: 8.35/10
- Awarded merit-based scholarship of Rs. 3,41,200 for academic excellence
- Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Database Management Systems

Professional Experience

Punjab State Power Corporation Limited (PSPCL) Jun 2026 – July 2026
Software Development Intern *Patiala, Punjab*

- **Engineered Fake Closure Detection Pipeline**: Implemented a **PHP and MySQL**-based system to flag fraudulent feeder closure events, detecting **150+** false clearances and shrinking report backlog by **15%**
- **Optimized Grid Capacitor Placement**: Analyzed half-hourly power consumption data across **12,477** distribution feeders, identifying optimal sites for reactive power compensation and projecting a **10%** cut in transmission losses

Precision Pyramid Private Limited Jul. 2025 – Aug. 2025
Software Development Intern *New Delhi*

- **Delivered Real-Time Warehouse Analytics Dashboard**: Developed a full-stack **React.js**, **Chart.js**, and **Node.js** app integrated with enterprise **ERP** systems for live KPI tracking, trimming report time **20%**
- **Designed Multi-Client Admin Portal**: Created role-based admin dashboard with **JWT authentication** and **RBAC** for multi-client configuration management, cutting administrative workload by **35%**

Projects

HOSMAS – Hostel Management System | *Next.js, Go, Django, PostgreSQL, Three.js, Docker* | Live Ongoing

- Architected an in-house microservices-based hostel management platform for **10,000+** residents across **5** core modules, replacing a paid third-party solution and cutting operational overhead by **40%**
- Deployed **6** independent **Go** and **Django** microservices with isolated **PostgreSQL** databases and **JWT authentication**, serving **4 Next.js** clients and an interactive **Three.js** 3D visualization spanning **17** hostels

Saturnalia Fest Event Management Platform | *Next.js, TypeScript, MongoDB* | Live Nov 2024

- Launched Saturnalia.in with event listings, participant registration, and schedule management, serving **20,000+** students across multiple institutions
- Integrated SMTP-based email notification system for **8,000+** recipients, ensuring **98%** delivery accuracy for event updates and announcements

Leadership & Activities

Creative Computing Society Aug. 2024 – May 2026
Joint Secretary *Thapar Institute of Engineering and Technology*

- **HackTU Organizer**: Coordinated event management and technical mentorship for **2** MLH-partnered hackathon editions with **500+ participants** each, handling sponsor relations and logistics while **providing software development guidance to 50+ teams**
- Executed strategic initiatives as part of an 8-member executive board, **leading 150+ students** to plan events attracting **5,000+ participants**, while coordinating skill-development workshops and training programs

Technical Skills

Programming Languages: JavaScript, TypeScript, PHP, C/C++, Python, HTML5, CSS3
Frameworks & Libraries: React.js, Next.js, Express.js, Node.js, Tailwind CSS
Tools & Technologies: VS Code, Git/GitHub, CI/CD, RESTful APIs, Responsive Design, Postman, Figma, MongoDB, MySQL, Linux, AWS
Core Competencies: Decision Making, Public Speaking, Team Management, Leadership

Achievements

LeetCode Guardian: Rating **2214**, ranked **6,955/874,587** (top 0.84%), **1000+** solved | View Profile
CodeChef 3-Star: Rating **1616**, ranked **top 14.6K** globally | View Profile
Codeforces Specialist: Rating **1408** | View Profile