

EXPERIENCE

Physics Wallah IOI LeapX, Bangalore – Lead Full Stack Engineer	December 2024 - Present
- Architected robust microservices and backend APIs utilizing NestJS, FastAPI, Express.js, and TypeScript; streamlined deployments via GitHub Actions CI/CD pipelines, reducing manual overhead by 45%. - Engineered 10+ scalable full-stack applications across Next.js and NestJS, establishing distributed microservice architectures, secure RESTful APIs, and highly optimized database queries. - Created 15+ hands-on labs covering Linux OS, networking protocols (TCP/IP, DNS, HTTP/S), and Jenkins pipeline workflows. - Spearheaded technical delivery for 12 parallel client projects, managing a 12-person engineering unit (7 FTEs) to optimize deployment velocity. - Configured core infrastructure using Bash, Jenkins, Ubuntu Server, Git/GitHub, and VirtualBox, reducing environment setup time by 40% and supporting seamless development for 12+ engineers.	
InternsElite EdTech Remote – Web Development Intern	December 2023 – February 2024
- Developed and maintained RESTful APIs and highly responsive front-end components using Node.js, React, and TypeScript, decreasing page load latency by 20% and enabling dynamic content delivery for 500+ daily active users. - Executed CI/CD workflows using Git and Docker for continuous test deployments, successfully provisioning and hosting scalable services on AWS EC2 and AWS S3. - Integrated OWASP Top 10 in code reviews and utilizing Trivy for scheduled vulnerability scanning.	

PROJECTS

Lireons Next.js, NestJS, TypeScript, Kubernetes, Terraform, Jenkins, AWS GitHub Link	December 2025 – March 2026
- Architected a multi-tenant SaaS ERP platform utilizing a robust NestJS backend and a highly responsive Next.js/TypeScript frontend, systematizing cloud infrastructure provisioning using Terraform IaC on AWS, reducing manual setup time by 50%. - Orchestrated containerized microservices with Docker and Kubernetes; implemented CI/CD pipelines for seamless build-test-deploy workflows, achieving zero-downtime deployments and 99.9% uptime in the production environment.	
My News App Next.js, Node.js, TypeScript, Next AUTH, MongoDB GitHub Link	August 2025 – October 2025
- Built full-stack Next.js app with TypeScript; integrated NextAuth.js (OAuth + email/password) with MongoDB, secure JWT sessions, and edge-runtime middleware protecting routes with role-based access control. - Optimized auth latency to <100ms via server component caching; applied search engine-friendly structured data markup and sitemap generation enabling better news discoverability, organic search visibility.	

CERTIFICATIONS & ACHIEVEMENTS

CompTIA Security+ CompTIA	December 2024 – May 2025
CompTIA Network+ CompTIA	June 2024 – November 2024
Data Structures and Algorithms (C++) – Self-Paced GeeksforGeeks	June 2024 – August 2024
Achieved Top 2% on TryHackMe.com by solving advanced CTF challenges in VM Rooms	November 2022 – July 2024
30 Days of Code: The Complete Python Pro Bootcamp Dr. Angela Yu, Udemy	March 2023 – March 2023

SKILLS

Languages: C++, JavaScript, Typescript, Python, Bash	
Frameworks & Web: Node.js, Next.js, NestJS, React, FastAPI, Microservices	
Databases & Storage: PostgreSQL, MongoDB, Redis, Apache Kafka, Prisma	
DevOps & Cloud: AWS (EKS, EC2, Lambda, S3, RDS, CloudFront, IAM), Docker, Kubernetes, Terraform, Argo CD, GitLab CI/CD	
Monitoring & Security: Vulnerability Scanning, Grafana, Prometheus, SonarQube, OWASP Top 10	
Networking & System Administration: Ubuntu Server, Shell Scripting, DNS, DHCP, Firewalls, SSH, Subnetting, Routing	
Leadership & Delivery: Agile/Scrum Delivery, Cross-Functional Team Scaling (20+ Headcount), Developer Velocity Optimization	

EDUCATION

Lovely Professional University, Punjab	August 2022 – May 2025
<i>Bachelor of Computer Application (Honors) in Cybersecurity — CGPA: 8.2</i> <i>Jalandhar, IN</i> - Studied core subjects including Networking, Linux, and Object-Oriented Programming - Gained strong foundations in Data Structures and Algorithms through project-based learning	
Bharatiya Academy S/o foundation trust, Uttarakhand	April 2021 – May 2022
<i>Commerce and Information Technology – Percentage : 83%</i> <i>Roorkee, IN</i> - Studied foundational subjects including Accounts, Business, and Economics - Gained technical exposure through Computer Science coursework	