Lucky Verma

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EDUCATION

National Institute of Technology Karnataka, Surathkal	**August 2024 – April 2028**
B.Tech in Computational & Data Science	*Karnataka, India*

EXPERIENCE

Developer	**Sep 2025 – Present**

180DC Consulting NITK, Mangalore

- **Built and maintained scalable web and mobile applications** for real-world clients.
- **Collaborated with consultants and project leads** to deliver production-grade solutions.
- **Fixed critical bugs and handled server & DevOps workflows**, improving stability.

PROJECTS

🔗 **Railsplit — Smart Train Seat Finder**	*FastAPI, React, Redis, Docker*	**Apr 2025 – Jun 2025**

- **Built a web app** to find confirmed train seats by intelligently splitting routes.
- **Designed an ellipse-based geospatial algorithm** for optimal station selection.
- **Async backend with Playwright, Redis caching, SSE, Firebase auth**.
- **Self-hosted on Ubuntu** using Cloudflare Tunnel.

🔗 **XpenseX — Personal Finance Web App**	*Docker, CI/CD, Azure*	**Sep 2025**

- **Full-stack web app** for income, expenses, budgets, and savings.
- **Dockerized services with automated CI/CD** and Azure deployment.
- **Secure authentication, alerts, analytics, email verification**.

EXTRACURRICULAR ACTIVITIES

Executive Member - Systems SIG

Web Enthusiasts' Club (WebClub), NITK

- **Organized workshops, talks, hackathons**, and project-based sessions.
- **Mentored students** for placements and skill development.
- **Promoted practical software engineering** and industry readiness.

TECHNICAL SKILLS

Languages: **Python, C++, Rust, JavaScript, HTML-CSS**
Frameworks: **FastAPI, React, Flutter**
Tools: **Docker, CI/CD, Redis, Git, AWS, Nginx**
Concepts: **System Design, REST APIs, Computer Networking, Database Systems**

ACHIEVEMENTS

- **2nd place hackathon winner** — healthcare platform.
- **1st and 3rd ranks** in college CTF competitions.
- **Qualified JEE Main and JEE Advanced**.