

FARHAN

☎ 8700840260

✉ farhan.techcareer@gmail.com

🌐 [linkedin.com/in/nahrafxd/](https://www.linkedin.com/in/nahrafxd/)

🐙 github.com/theNahraf

Education

Netaji Subhas University of Technology, New Delhi

Aug. 2023 – May 2027

Bachelor of Technology in Information Technology

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Operating Systems
- System Design
- Web Development
- Database Management
- Computer Networks
- OOPS

Experience

Deep Learning Research Intern– Hydroponic Plant Analysis

June 2025 – Present

NSUT *New Delhi, Delhi*

- Working on classification of hydroponic plant conditions using deep learning on hyperspectral data
- Analyzing plant leaf spectra to predict chemical deficiencies and nutrient imbalances
- Exploring CNN and transfer learning techniques to enhance prediction accuracy

Full-Stack Web Developer

Dec. 2024 – June 2025

Client: Journalist (Kashmir) — fizalakhan.com

- Created a secure MERN stack portfolio + blog for a journalist with a hidden admin dashboard
- Built a custom panel for article management without exposing public login
- Ensured 24/7 uptime on free-tier hosting by implementing a backend refresh loop, showcasing problem-solving and optimization efforts

Projects

Notification System (LLD) | C++, OOP, Design Patterns

[GitHub Repo](#)

May 2025

- Built a C++ notification system with SMS, Email, and Push support using OOPS and design patterns
- Applied Strategy and Decorator patterns with SOLID principles for clean, extensible architecture.
- Ensured clean, Scalable design with SOLID principles and notification tracking

SpotLight - The Social App | React Native, TypeScript, MongoDB

[GitHub Repo](#)

January 2025

- Built a social app with story, media uploads, and real-time like/comment functionality
- Designed an interactive UI with smooth media handling and dynamic content updates
- Implemented secure username-password authentication and managed user data with MongoDB

StudyNotion– EdTech | Node.js, Express.js, MongoDB, React.js

[GitHub Repo](#) | [Live Demo](#)

November 2024

- Built a full-stack EdTech platform with course creation, enrollment, and Razorpay integration
- Implemented role-based authentication using JWT and OTP-based login system.
- Integrated an AI chatbot to automate and manage student queries efficiently

Technical Skills

Languages: Python, C/C++, JavaScript

Databases & Tools: MongoDB, FireBase, Convex, Git, Docker

Frameworks: React.js, Node.js, React Native, Express.js

System Design: Low-Level Design

Problem Solving Platforms: Leetcode , Codeforces , GFG

ACHIEVEMENTS

- Secured 2nd position at Microsoft Innovortex Hackathon among 100+ teams
- Cleared Level 1 of Flipkart Grid 6.0 (Tech Track)
- Achieved 1800+ rating on LeetCode by solving 400+ Data Structures and Algorithms problems, demonstrating strong problem-solving and coding skills.