

# Shubham Shukla

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## Profile Summary

**Results-driven Software Engineer** with strong proficiency in **full-stack development, data structures, and algorithm design**. Experienced in building scalable applications, solving complex technical problems, and delivering high-quality software in collaborative and dynamic environments. Adept at learning new technologies quickly and applying them effectively to solve real-world problems.

## Experience

- **Teaching Assistant – DSA , Apna College** 2026– Present
  - Mentored students by solving **DSA and programming doubts** and explaining core concepts in a simplified way.
  - Assisted in debugging, problem-solving, and improving **algorithmic thinking**.
- **Intern – MakeX Kalam Pragati (ERAFoundation), AKTU** Aug – Sep 2024
  - Built a **Firefighting Bot** for fire detection and live video streaming using sensors.
  - Worked with **Arduino and Raspberry Pi 5** and learned robotics fundamentals.
- **Tech Lead – GDGC, BBDNIIT, Lucknow** 2024– Present
  - Organized workshops and technical events to promote **innovation and community learning**.

## Skills

- **Programming:** Python, C, JavaScript, Java, SQL
- **Web Development:** JavaScript, React, Node.js, Express.js, MongoDB
- **CS Core:** DSA, OOPS, Operating System, Cyber Security
- **Version Control:** Git, GitHub
- **Tools/Techologies:** Figma, AI Tools (ChatGPT, Gemini, Copilot)
- **Soft Skills:** Communication, Problem-Solving, Time Management, Critical Thinking

## Projects

- **Yatra-Nest** Live: [yatra-nest.render.app](#) — Code: [GitHub](#) 2024 – Present
  - Full-stack accommodation platform with booking, role-based workflows, and filtering.
  - Built REST APIs with Express and designed scalable MongoDB schema.
  - Integrated Mapbox + Leaflet for geolocation and deployed on Render.
- **Alpha World** Code: [GitHub](#) 2023 – 2024
  - E-learning platform for kindergarten children — interactive learning of ABCs, numbers, and basics.
  - Certificate generation feature with automated tracking, achieving **95% course completion rate**.

## Accomplishments

- **Tech On Earth Competition – Winner** 2024
  - Secured **first place** for presenting an innovative tech-driven solution addressing sustainability challenges. Recognized for creativity, impact, and strong team collaboration.
- **Code-Rush (DSA) – 9th Position** 2025
  - Secured **9th position** in the Code-Rush DSA competition among **100+ students** in college.
- **Smart India Hackathon – Participant (2 times)**
  - Participated in **two editions** of the Smart India Hackathon, gaining extensive experience in **teamwork, collaboration, problem-solving, and project management**.

## Education

- **B.Tech – Computer Science and Engineering** 2023 – Present
  - *Dr. A.P.J. Abdul Kalam Technical University, UP*
  - CGPA: 8.5/10
- **12th (Science PCM)** 2021 – 2022
  - *CBSE Board, New Delhi*
  - Percentage: 84%