

# Adarsh Raj

📍 Hajipur, Bihar    ✉ adarshraj6113@gmail.com    ☎ 8340508558    🔗 adarshraj.vercel.app/  
in [www.linkedin.com/in/itsrajadarsh/](https://www.linkedin.com/in/itsrajadarsh/)    🐙 [github.com/itsrajadarsh](https://github.com/itsrajadarsh)

## Education

### Central University of Haryana

Jun 2021 – Jun 2025

Bachelor of Technology in Computer Science and Engineering (GPA: 8.01)

## Skills Summary

**Languages:** C, C++, Qt, JavaScript, Python, HTML, CSS, Bash

**Libraries:** ReactJS, NodeJS, ExpressJS, EJS, Bootstrap, Tailwind, PostgreSQL, Redux, Axios,

**Tools:** NPM, Vite, Linux, Postman, VSCode, STM32CubeIDE, Tera Term, Vercel, GitHub

**Soft Skills:** Problem-Solving, Adaptability, Collaboration, Creativity, Attention to Detail, Leadership

## Experience

### SDE Intern

Jan 2025 – Present

ZOSH Aerospace, Bengaluru, India

- Designed and implemented a GUI for Terminal Ballistics Research Laboratory (TBRL), DRDO and programmed STM32 microcontrollers for real-time embedded systems.

### ReactJS Developer Intern

Jun 2024 – Jul 2024

Northstar Technologies International Ltd., Mumbai, India

- Optimized data flow in Web 3.0 applications by implementing efficient state management with Redux.
- Integrated RESTful APIs to enhance communication between ReactJS components and backend systems.

### Frontend Developer Intern

Jun 2023 – Aug 2023

Doozy Infotech, Patna, India

- Managed GitHub repositories to improve team workflows, ensure version control, and enhance collaboration.
- Designed a front-end for an LLM chatbot, enabling smooth API communication and better usability.

## Projects

### Official website for Zosh Aerospace ([Project Link](#))

Jan 2025 – Feb 2025

- Designed and developed a responsive website with a dark and light theme, multiple pages, and Google Analytics integration.
- Optimized website performance, improving load speed, accessibility, SEO, and UX for better visibility.

### Full-Stack Appointment Booking System ([Project Link](#))

Jul 2024 – Sep 2024

- Built a scalable full-stack appointment booking system for healthcare professionals with role-based access control, enabling seamless patient-doctor interactions through a secure and user-friendly interface.
- Features included appointment booking, schedule management, earnings tracking, and profile updates.

### Secrets Web Application ([Project Link](#))

Jun 2024 – Jul 2024

- Developed a full-stack web application for anonymous secret sharing with secure authentication using Passport.js, Google OAuth 2.0, and password encryption with bcrypt.
- Designed a responsive user interface with Bootstrap and EJS templates.

## Certification & Achievements

- Achieved Elite + Silver certification (82%) in NPTEL Ethical Hacking by IIT Kharagpur, mastering networking, cyber-attacks, and security tools like Wireshark and Metasploit.
- Completed "The Complete 2024 Web Development Bootcamp" by Dr. Angela Yu (Udemy)
- Received Certificate of Merit for maintaining 100% attendance for four consecutive years (Class 6 to 9).

## Key Positions

- Development Lead: Google Developer Group (GDG), Central University of Haryana (CUH) (2024 - 2025).
- Sanchar Mitra: Department of Telecommunications, Government of India, Haryana LSA, India (2024).
- Member: Grievance Committee, CSE Department, Central University of Haryana (CUH) (2023 - 2024).
- Core Member: Advik, Annual Technical Fest, CUH (2023).