

# Aditya Nath Deepak

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## EDUCATION

**Vishwakarma Institute of Technology ,Pune**  
**Bachelor of Technology, Computer Engineering**  
CGPA: 9.42

Pune, India | Jul 2023 - May 2027

## SKILLS

**Languages:** Java, Python, C, C++, SQL , Embedded C

**Technologies:** React Native, UI UX Design (Figma) , Arduino IDE , GitHub, Git ,ThingsSpeak IoT Cloud Platform, VSCode

**Soft Skills:** Collaboration, Communication, Adaptability, Problem Solving, Time Management, Creative Thinking, Leadership

**Relevant Coursework :** Data Structures & Algorithms ,Object-Oriented Programming, Database Management Systems (SQL), Operating Systems

## OBJECTIVE

Driven Computer Engineering student with strong computer science fundamentals and problem-solving skills, targeting a Software Engineer Internship to develop innovative software solutions.

## PROJECTS

### IOT BASED SMART DEFENCE SURVEILLANCE AND SECURITY SYSTEM (PATENT FILED):

- Developed a real-time IoT-based smart defence surveillance and security radar system using Arduino Uno & NodeMCU ESP8266 with data visualization and alerts via ThingsSpeak IOT Cloud platform and ThingsView App.
- optimized performance by reducing latency to 3 seconds
- Multiple Remote as well as Local displays including Website , App and IOT Cloud Integration

### Tele-Doctor Appointment App (React Native) (Patent Filed)

- Developed a web application for remote consultations with intuitive UI/UX and real-time scheduling, enhancing user accessibility.

### Batch Processing Operating System Design:

- Designed a Multi-processing Operating System using C/C++ in 2 phases from scratch, step-by-step.

## ACHIEVEMENTS

- Winner (First Position) – BYTEVERSE Hackathon at NIT Patna (2025)**
- 2 Innovative Projects selected for **Patent Filing** .
- Project chosen for Engineering Design and **Innovation Project Expo Competition**
- 1st Rank** in Computer Engineering Branch (VIT Pune) (**CGPA: 9.42 till date**)
- Awards:** 3rd Place – DRDO National Science Day Quiz