

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**