

# VISHWA PRATAP SINGH

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## SUMMARY

Technology professional with practical experience as an IoT Intern at Papaya Coders in Lucknow, India. Proficient in Internet of Things, API integrations, and software development using Java, Python, and Flutter. Expertise in Arduino programming, networking, Scratch, IOT

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## WORK EXPERIENCE

### IOT Intern At Papaya Coders - Lucknow, India

June 2025 - August 2025

- Worked on developing and testing IoT solutions using microcontrollers, sensors, and comm. protocols.

### IOT Training At Electrocus Solution - Lucknow, India

June 2025 - August 2025

- Gained hands-on experience in embedded programming, hardware integration, and real-time data communication in a fast-paced startup environment.

### Robotics Trainer At KlassWAY Technologies!

Sep 2025 - Dec 2025

- Delivered practical training in robotics and embedded systems, guiding students in hands-on projects involving sensors, microcontrollers, automation and stemp

### Robotics Trainer At Shard Center For Innovation Amritsar

Jan 2026

- Provided hands-on training in STEM-based robotics and IoT, mentoring students in building smart projects using sensors, microcontrollers, and real-time applications in an innovation-driven env.
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## PROJECTS

- Air Mouse
  - IOT Based Parking System
  - Vehicle Detection and Accident Alert System
  - Smart Automatic Board for Water Level Controller
  - Bluetooth Control Car
  - Home Automation
  - AI Based Chess Board
  - Automatic Enemy Shooter
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## EDUCATION

### Bachelor of Technology in CSE (IOT Specialization)

Expected Graduation: 2026

School Of Management Sciences Lucknow, U.P, India

### Senior Secondary (XII)

March 2021 - March 2022

Rastriya Inter College, Haidergarh, Lucknow

### High School (X)

April 2019 - April 2020

RLB Inter College, Haidergarh, Lucknow

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## SKILLS

- Internet of Things
  - Arduino programming
  - Flutter development
  - Networking fundamentals
  - Java, Python, C & Dart programming
  - Embedded System
  - Data structures and algorithms
  - Block Coding
  - Basic PCB design
  - Electronics
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## CERTIFICATIONS

- PHP Programming, **Great Learning**
- AI Azure, a collaborative initiative by **Microsoft, AICTE, and Edunet Foundation,**
- Programming with C & C++, **IIT Bombay,**
- **Google** Cloud Career Launchpad program,
- Python Programming, **Simplilearn,**
- Introduction to Artificial Intelligence, **Simplilearn,**
- Cloud Computing, **Great Learning,**
- Web Development, **CodeSoft,**