

# Piyush Pandita

Pune, India

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)



## EDUCATION

**Vishwakarma Institute of Technology, Pune**

*B.Tech. -Electronics & Telecommunication, CGPA - 7.93*

**08 /2020 – 06 /2024**

*Pune, India*

**Kotwal National Institute of Teaching, Jammu**

*Senior Secondary (XII) - Science - **Percentage - 82.2%***

**03/ 2019 – 04 /2020**

*Jammu, India*

## EXPERIENCE

**Erfinden Technology Pvt Ltd**

*~ Android Developer Freelance*

**Sep 2022 – Jan 2023**

*Pune, India*

- In a **span of 4 months**, a website was converted into a completely operational **Android app**.
- By using **FCM API** to create personalized push notifications, the mobile app's usage increased by more than 40%.
- **Collaborated with a team of 5 members** to offer comprehensive client solutions throughout the project's duration.

**Ethical Edufabrica Pvt. Ltd**

*~ Web Developer Intern*

**May 2022 – June 2022**

*Pune, India*

- Contributed in both front-end and back-end of an **E-commerce website**.
- **Used NodeJS** at back-end for fast servicing.
- By integrating **Razorpay**, can offer our customers a secure and reliable payment processing solution with a user-friendly interface.

## PROJECTS

**1) To-Do's App** [Flutter | Adobe XD | Figma] ~ 

- Implemented **push notifications** to alert users of upcoming deadlines.
- **Gamification strategies** to increase user engagement, including rewards.

**2) Virtual Memory Multiprogrammable OS** [C/C++] ~ 

- Implemented the concept of **paging in virtual memory management** using LRU and FIFO algorithm.

**3) IPL Dataset Analysis** [Python] ~ 

- **Plots graphs** as per the parameters entered like teams, players, umpires and cricket ground.

**4) Smart Nest** [Arduino Nano | LM358 | DHT12 | Servo Motor | Soil Sensor]

- The proposed model is **30% more cost-efficient** than existing models.
- Designed and implemented a cutting-edge Smart Cradle System with **Smart IoT sensors** and features to enhance the safety and hygiene of infants by sending data to the **Blynk server**.

## TECHNICAL SKILLS

**Core Subjects:** Object Oriented Programming, Data Structure and Algorithms, Operating Systems, Database Management System, Troubleshooting & Debugging Techniques.

**Languages:** C, C++, Java, SQL, NoSQL.

**Technologies/Frameworks:** MERN Stack, Flutter SDK, Git, JIRA, Adobe XD.

**Soft Skills:** Problem-Solving, Cross-functional collaboration, Leadership, Sharp Analytical.

## ACHIEVEMENTS

- Project selected under **Smart Innovation** in IMPACT CONCLAVE 2.0 (**Startup**) organized by Savitribai Phule Pune University & Krishna Institute of Medical Sciences.
- Paper Publication - "[Advanced Water Management System using Android](#)".
- Hacker Rank - [Problem Solving Intermediate](#)