

# PIYUSH PATTANAYAK

App Developer

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Portfolio | GitHub | LinkedIn

## EDUCATION

### D.A.V Public School

PCM Class XII

Percentage: 84.3%

Pokhariput, Bhubaneswar

2021 - 2023

### IILM University

Computer Science Engineering Bachelor's in Technology

Greater Noida

August 2024 - Present

## EXPERIENCE

### Google Developer Group, IILM Chapter | App Developer

Greater Noida | October 2024 - Present

- Collaborated with the GDSC team to build and contribute to community-focused apps and open-source projects.
- Developed mobile applications using Flutter and Firebase, including event apps and club utilities.
- Led app UI/UX design and implemented features like QR-based check-in, notifications, and user dashboards.

### Dev-Opify | Founder & App Developer

Greater Noida | May 2025 - Present

- Launched a SaaS platform offering developer-focused tools and workflow automation for small teams and tech freelancers.
- Designed and developed the platform using modern web technologies with scalable deployment.
- Implemented authentication, subscription models, and modular services for continuous deployment, Git integration, and task management.

## SKILLS

Programming Languages: Python, C, Dart  
Libraries/Frameworks: Pandas, NumPy, Flutter, Flask  
Tools / Platforms: Git, Android Studio  
Databases: MySQL, Firebase

## PROJECTS / OPEN-SOURCE

### Clockin | Link

Dart, C++, CMake, HTML, Swift, C, Kotlin, Objective-C

- Developed a full-stack mobile application to manage event ticketing for university events using dynamic QR codes.
- Implemented secure QR code generation and real-time scanning to handle check-ins and check-outs of participants.
- Designed role-based access with separate dashboards for users and admins.
- Integrated a real-time database to monitor attendance, team participation, and event status.
- Deployed and tested app in a real university event setting, handling 500+ participants successfully.

### Humanised Chatbot | Link

Python, Gemini

- Developed a conversational chatbot to assist students with career guidance, academic doubts, and emotional support during low-motivation phases.
- Integrated Google's Gemini LLM for human-like responses, tailored suggestions, and empathetic tone in conversations.
- Designed contextual prompts and logic to handle both informational queries (career paths, courses, etc.) and motivational support.
- Implemented a lightweight interface for interactive usage, with conversational memory and topic-aware responses.

### Bank Management System | Link

Python

- Built a standalone application simulating core banking operations such as account creation, deposit, withdrawal, and balance tracking.

- Designed a custom graphical interface using Turtle and Canvas modules for an interactive user experience.
- Integrated voice feedback using pyttsx3 for accessibility and improved user interaction.
- Automated passbook generation in PDF format using the reportlab.pdfgen library for transaction records.
- Ensured persistent data handling and logical flow for multi-account management.

#### **UniConnect | Link**

*Dart, C++, CMake, HTML, Swift, C, Kotlin, Objective-C*

- Building a centralized student platform to manage academic essentials including attendance, notes, previous year questions (PYQs), assignments, reminders, and grades.
- Integrated cloud storage for real-time content updates and cross-device sync.
- Implemented local notifications and reminders to boost student productivity and assignment tracking.
- Designed a user-friendly UI optimized for quick access to academic resources and event alerts.

#### **CERTIFICATIONS**

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- Blockchain Business Foundations - **Blockchain Training Alliance**
- Introduction To Data Science - **Cisco Networking Academy**
- C for Beginners - **Great Learning Academy**