

Piyush Patil

✉️ piyushpatil1741@gmail.com 📞 +91 94053 02470 🔗 [LinkedIn](#) 🐙 [GitHub](#)

Summary

Third-year B.Tech student in AI & Data Science with proficiency in **Python** and **React.js**. Currently spearheading an **IoT-based Air Quality Monitoring System** at Panache Digilife, leveraging **Firebase** and machine learning. Holds **Google Cloud Skills Boost** and **AWS** certifications. Passionate about **web development, backend**, and **AI**.

Technical Skills

- **Languages:** Python, Java, JavaScript, C, HTML5/CSS3 (Intermediate)
- **Frameworks & Libraries:** React.js, Flask, Quill, OpenMap
- **Databases & Tools:** MongoDB, Clerk, Git, GitHub, **Firebase**
- **Familiar With:** REST APIs, Machine Learning (CNN), IoT

Professional Experience

Intern, Panache Digilife

Jan 2025–Present

- Engineered an IoT-based Air Quality Monitoring System using sensors and machine learning, achieving 85% accuracy.
- Configured **Firebase** for efficient real-time data storage and retrieval.

GDSC Participant, VESIT

Sep 2023–Dec 2023

- Achieved **Google Cloud Skills Boost** certifications, completing 10+ labs.

Projects

Research Collaboration Hub (React.js + Quill)

Mar 2025

- Designed a real-time text editor using **Quill** for Invictus Hackathon 2025, impacting 30+ users.
- Integrated **Clerk** for secure authentication, reducing errors by 40%.

Women's Services Platform (React.js + OpenMap)

Jan 2025

- Developed a safety platform using **OpenMap**, reaching finals at Syrus Hackathon 2025.
- Delivered a prototype within 48 hours, tested by 20+ participants.

Deepfake Detection Model (Python + CNN)

Jan 2025

- Built a deepfake detection model using **CNN**, achieving 82% accuracy.

Education

VES Institute of Technology

2022–2026

B.Tech in Artificial Intelligence & Data Science, CGPA: **8.61**

Relevant Coursework: Database Systems, AI, Machine Learning

Certifications

- **Google Cloud Skills Boost**: Cloud Computing Fundamentals, GenAI (Sep 2023)
- **AWS Academy**: Machine Learning Foundations (2024)
- **Fundamentals of Deep Learning** (2024)

Achievements

- **Finalist, Syrus Hackathon 2025**: Ranked top 8/200+ teams for all-in-one women's services platform.
- **Winner, Awakening the Scientist 2022**: Recognized among 100+ participants.

Leadership

PR Head & Tournament Organizer, VESIT eSports

2023–Present

- Amplified event visibility via **Instagram** and **Discord**, boosting participation by 30%.
- Coordinated 5+ tournaments for 100+ participants.

Team Lead, Syrus Hackathon 2025

Jan 2025