

Piyush Makwana

SOFTWARE ENGINEER, PAYTM | B.TECH. CSE, IIT ROORKEE

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Skills

- Programming Languages** Python, Scala, JavaScript, TypeScript, Swift, Java
Frameworks & Libraries Spark, React JS, Redux, ARKit, UIKit
Tools & Technologies AWS (S3, EC2, EMR), NGINX, SQL, Jenkins, Git, Vim, VScode, XCode, Github Copilot, TestFlight, Linux, macOS

Experience

Paytm

Bengaluru, India (Hybrid)

SOFTWARE ENGINEER | CENTRAL DATA PLATFORM | FULL TIME

Jun. 2021 - Present (2 yrs. 9 mos.)

- Worked on Feature Store, Developed 40+ user properties to aid teams in growth strategies and improve user engagement and retention.
- Cut Spark job execution times and improved data quality through various analysis and optimizations.
- Conducted 2-3 code reviews weekly, enhancing the quality and reliability of the Feature Store, and ensuring compliance with coding standards.
- Led multiple cost-saving projects at Paytm, creating a Python script for automated size calculations and implementing S3 bucket expiration policies, reducing storage by 708 TB, saving \$148,000 in AWS costs annually.
- Initiated and led the development of GM-Portal 360, an internal ReactJS portal for Paytm's Central Data Platform, improving visibility for Growth Marketing teams with up-to-date user properties, validation reports, and job statuses. Also saved significant developer time by converting 800+ Scala code logics into SQL and Plain English with Gen-AI, enhancing accessibility for non-technical users.
- Tech Stack: Scala, Python, TypeScript, ReactJS, Spark, AWS, Jenkins, NGINX, SQL, GPT-3.5(API), Vim, VSCode.

EnrichAI

Gurgaon, India (Remote)

AUGMENTED REALITY APP DEVELOPER | INTERN

Apr. 2020 - Jun. 2020 (2 mos.)

- Designed and Developed an iOS AR-based Indoor Navigation platform, leveraging Apple's ARKit Framework.
- Tech Stack: Swift, ARKit, XCode, Git.

Arbunize Digital Media Pvt. Ltd.

New Delhi, India (Remote)

IOS APPLICATION DEVELOPER | INTERN

Sep. 2019 - Feb. 2020 (6 mos.)

- Developed 2 iOS applications tailored to client specifications and feedback, ensuring alignment with their needs and expectations.
- Researched on APIs, frameworks, and competitor products to design app flow as per client requirements.
- Crafted reusable code and libraries, incorporating best coding practices for efficiency and future use.
- Tech Stack: Swift, Xcode, UIKit, UI/UX Design, TestFlight, Git.

Education

Indian Institute of Technology Roorkee (IITR)

Roorkee, India

B. TECH. IN COMPUTER SCIENCE AND ENGINEERING

Jul. 2017 - Jul. 2021

- Cumulative Grade Point (CGPA): 7.507/10.00

Extracurricular Activity

- 2018-19 **iOS, Android Developer and Designer**, Mobile Development Group (MDG) IIT Roorkee
2019 **Android Development Mentor**, MDG's Winter of Code '19 IIT Roorkee
2017-19 **Member**, NSS IITR IIT Roorkee

Projects

- 2021 **Time Series analysis and forecasting (BTech Project)**, Implemented various time series forecasting models, including ARIMA, SARIMA, and Fuzzy, to analyze and assess patterns in daily USD/INR exchange rates. Python
2018 **Convocation IITR**, IIT Roorkee's official iOS Convocation app for graduates year 2018. Swift
2018 **Effi - Time Management app**, An android application which aims to help people manage their time. Java

Honors & Awards

- 2023 **Rock Star**, Paytm (Central Data Platform) Bengaluru, India
2022 **Rising Star**, Paytm (Central Data Platform) Bengaluru, India
2019 **3rd Prize**, Hack In the North '19 Allahabad, India