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 Managment 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*