

Manish Punia

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EDUCATION

NIT KURUKSHETRA

B.TECH. COMPUTER SCIENCE

2010–2014 | CGPA: 7.02/10

COURSEWORK

OS, DS & Algo, DBMS,
Networks, Architecture,
Compiler Design, ToC

SKILLS

PROGRAMMING

Preferred:

Java, Python, Scala

Familiar:

Objective-C, Swift, C, SQL

Beginner:

HTML, Java Script, Shell script, Firebase,
Android

Other Tools:

Cursor, VSCode, Git, JIRA,
BitBucket, IntelliJ, EMR, S3, SQS, ArgoCD,
EKS, Monitoring and Alerting

ACHIEVEMENTS

AIEEE 2010 AIR 16927

Class 12th – 2nd Topper

EXPERIENCE

PAYTM | ENGINEERING MANAGER

Jun 2022 – Present | Noida

- **Pulse:** Paytm's real-time analytics platform for click stream events. It processes click-stream events from all Paytm products and makes them queryable through Superset using Kafka, Flink, and Druid. This system serves most of the internal real-time analytics needs and replaces Google Analytics across paytm entities.
- **Signal:** a Spring Boot service that ingests high-volume click-stream events from iOS, Android, and Web clients. Built to handle high TPS and support traffic across major Paytm surfaces, handle billions of request every day.
- **MCP servers:** Built and integrated (Superset, Feature-hub) that allow internal teams to generate data insights using natural-language prompts instead of SQL.
- **Feature-hub,** a batch feature store that automates feature creation from data-lake sources via a simple form-based UI.
- **Easy-report,** an internal tool that generates scheduled and on-demand reports from the data lake while meeting governance and cost-efficiency requirements.

SKILLS:

Java, Spring Boot, MySQL, Python, Airflow, Kafka, Flink, MCP Server, AWS
(EMR, S3, SES, SQS)

ZETA SUITE (DIRECTI) | SENIOR SOFTWARE DEVELOPER

Jan 2022 – May 2022 | Bengaluru

PAYZAPP 2.0

- Built APIs to bypass device binding in simulator environments.
- Implemented user-onboarding workflows using in-house SDKs.

IBM INDIA SOFTWARE LAB | SOFTWARE DEVELOPER

Mar 2017 – Jan 2022 | Bengaluru

PRODUCT: IBM MAAS360

A mobile-device-management platform providing secure enterprise workspace features such as mail, calendar, and file sharing, along with admin-controlled security policies.

- Developed geo-location reporting and mobile-data usage APIs.
- Built the Share & Action extension for MaaS360 on iOS.
- Delivered features end-to-end, from requirement discussions to App Store release.

SKILLS:

Java, Spring Boot, Swift, Obj-C, SQLite, iOS, REST API

EXPERIENCE (CONT.)

FARMLIFT | CO-FOUNDER

Dec 2017 – Aug 2018 | Bengaluru

- Built a platform for small and marginal farmers to request transport for their produce to night-time auction markets through an Android app or phone call.
- Developed an API service that broadcasts daily vegetable prices, helping farmers stay informed about market trends.

SKILLS:

Java, Firebase, Android

LG SOFT INDIA | SOFTWARE ENGINEER

Oct 2014 – Mar 2017 | Bengaluru

ICAM MANAGER SDK

- Worked on an iris-recognition SDK supporting user enrollment, authentication, and transaction management.
- Implemented a high-speed bulk-upload API for large-scale user provisioning and ported the product to a new ARM-Linux device.
- Added support for dynamic configuration through a server-driven message-queue system.
- Developed an API for batch deletion of user records.

IDATA IRIS SDK

- Contributed to iris-code generation, 1:N matching workflows, and related features.
- Added auto-repair functionality for Flexera licensing.
- Built an internal automation tool (DevBAR) to support development workflows.

SKILLS:

ARM-Linux, C, C++, HTML, SQLite