Pradyot H Adavi

Engineering Manager at Flipkart

📍 Bengaluru, India

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👤 LinkedIn Profile

Experience

Flipkart   Bengaluru, India

Apr. 2022 - Present

Engineering Manager
- Responsible for Risk and Fraud Charter
- Implemented the on-call process
- Engineering review and runbooks using Jupyter Notebook

Apr. 2020 - Mar. 2022

Software Development Engineer | IV
- Built Machine Learning Platform that enables data scientists build/iterate ML models and workflows
- Built decision making systems using FK and User provided data for Flipkart Fintech Products like Flipkart Pay Later, Fk-Axis Co-brande Cards

Jan. 2018 - Mar. 2020

Software Development Engineer | III
- Working on enabling affordability payment instruments to merchants beyond Flipkart.
- Building capabilities to map different financial product offerings from banking partners to the product experience of Cardless Credit payment instrument.
- Worked with the product team and external financial partner to build Cardless Credit payment instrument. This product enables a customer to get a loan up to INR 60000 in less than 60 seconds.
- Scaled up Fintech systems to handle traffic for flagship sale events like Big Billion Days.
  - Product Page
    - (Load Test for 15 mins: 94K QPS, Production Peak: 53K QPS)
  - Payment Options Page
    - (Load Test for 15 mins: 17K RPS, Production Peak: 6K RPS)
  - Payment Processing
    - (Load Test for 15 mins: 450 TPS, Production Peak: 14 TPS)

Jan. 2016 - Dec. 2017

Software Development Engineer | II
- Founding tech member of the Fintech team initiated to solve affordability problems for next billion users.
- Worked with the product team in conceptualizing and implementing affordability constructs on Flipkart platform
  - No Cost EMI
  - Debit Card EMI
  - Flipkart Pay Later
- Worked with banking partners and helped shape their systems and APIs to realize Debit Card EMI product. Nearly 7.4 million Indians are empowered to make high-value purchases through EMI using their Debit Card.
- Collaborated with various teams at Flipkart to implement changes for Buy Now Pay Later across transaction path.

Jul. 2014 - Dec. 2015

Software Development Engineer | I

- Enhanced customer payment experience with a special focus on debit card instrument by integrating ATM pin based solution with payment gateway providers. The transaction success rates improved by 22% for debit card instrument.
- Improvised the routing logic to select a payment gateway for transaction processing by measuring the payment gateway's transaction approval based on card bin and issuer network. This improved the overall success rates by 3.6%.
- Auto-detection of downtime for an issuing bank by measuring the approval rates of the issuing bank across payment gateway providers. This enabled us to prompt customers to use alternate payment instrument at the payment options page.

Fiberlink, an IBM Company

Bengaluru, India

Dec. 2013 - Jun. 2014

Software Development Engineer | Intern

- Worked in an Agile setting and used Spring 1.5 framework for building Enterprise Software.
- Enhanced features for the MDM product, MaaS360.

Education

International Institute of Information Technology Bangalore

Bengaluru, India

Class of 2014

Master of Technology (M.Tech) | Information Technology

- GPA: 3.28 / 4.00
- Secured 3rd Place at 12th Five Year Plan Hackathon conducted by Govt of India

B.N.M. Institute of Technology

Bengaluru, India

Class of 2011

Bachelor of Engineering (B.E) | Computer Science

- Percentage Marks: 81.64
- First Class with Distinction in all eight semesters
- Member of College Volleyball Team

Skills & Interests

- Novice to the world of Blockchain Development and Smart Contract
- Strong understanding of Financial and Payment Domain in India
- Entity modeling for relational database
- Dropwizard framework for web service development

Awards & Honors

- Awarded the **Instant Karma Award** twice in last 1.5 years, an award presented at BU levels for going above and beyond one's responsibilities.
- The Affordability Team was awarded the CEOs **Award for Customer Excellence** in 2017.
- Secured **1st Place in 8th Edition of Flipkart Hackathon**. Built a Proof of Concept to shop on Flipkart using Google Assistant and complete the payment using Flipkart Pay Later instrument.
- Completed IBM Blockchain Foundation for Developers on Coursera
- Completed Term I of the Blockchain Nanodegree on Udacity.

Product Impact Stories

- [No Cost EMI](#)
- [No Cost EMI Customer Stories](#)
- [Debit Card EMI](#)
- [Flipkart Pay Later](#)
- [Cardless Credit](#)