

# Ayan Chowdhury

LinkedIn: <https://www.linkedin.com/in/ayanc-97/>

Website: <https://ayanctech.github.io>

Email: ayanchowdhury2050@gmail.com

Mobile: 8961529749

## Professional Summary

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*Senior Software Engineer with 6+ years of experience in distributed systems. Proven expertise as a Founding Engineer building merchant onboarding and transaction platforms. Core competencies: Java, Python, C++, Microservices, Event-Driven Architecture, SQL and NoSql Databases and Cloud Platforms.*

## EXPERIENCE

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- **PhonePe** Bengaluru  
Senior Software Engineer May 2023 - Present
  - **Tech Stack:** Java-DropWizard, MariaDB, Kafka, RabbitMQ
  - **Founding Engineer:** Founding engineer for EDC platform, owning backend architecture and core services.
  - **Merchant Onboarding:** Led merchant onboarding, transaction management, and vendor management systems for Both EDC and SmartSpeaker v3 Devices
  - **Edc Vendor Management:** Designed scalable event-driven services using Kafka and RabbitMQ.
  - **Technical Leadership / Operational Excellence:** Spearheaded rigorous code reviews and mentored junior engineers on distributed systems architecture, driving a 40% reduction in technical debt and ensuring the production-grade reliability of high-scale fintech systems.
- **Meesho** Bengaluru, Remote  
Software Engineer 2(SDE2) May 2022 - May 2023
  - **Tech Stack:** Java-SpringBoot, MySQL, Kafka, MongoDB
  - **Meesho Transact System:** Built backend services for Cart-to-Checkout flows at scale.
  - **Dynamic Banner:** Developed dynamic banner system and backend-owned payment gateway APIs.
  - **Alerting & Exception Handling:** Implemented Slack-based alerting and exception monitoring.
- **Udaan** Bengaluru, Remote  
Software Engineer March 2021 - April 2022
  - **Tech Stack:** Kotlin, Dropwizard, CosmosDB, Azure.
  - **Merchant Management:** Designed and built Dispute Management System end-to-end using microservices.
  - **Vendor Escalation Handling:** Reduced vendor escalation time and enabled Vendor Support Pilot Project.
- **Kreeti Technologies** Kolkata  
Software Engineer Sep 2019 - Feb 2021
  - **Tech Stack:** Elixir, Phoenix, Android
  - **Gogal-Woman Multifunctional Socialmedia app:** Developed authentication and notification systems from scratch.
  - **Cloud based Process Workflow Service:** Built role-based content management systems.

## Skills

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- **Languages:** Java, Python, C/C++, Elixir, Kotlin
- **Architecture:** Microservices, Distributed System, Event-Driven Systems, REST APIs
- **Frameworks:** Dropwizard, Spring Boot, Phoenix
- **Databases:** MySQL, MariaDB, CosmosDB, Redis, Postgres
- **Event Management:** Kafka, RabbitMQ
- **Deployment & Observability:** Grafana, Drove, Rosey
- **Tools:** Git, CI/CD

## Projects

- **Chirp:** : Real-time social media platform using Elixir Phoenix LiveView.
  - **FrienChat:** : Android chat application with group messaging and file sharing.

## Achievements and Responsibilities

- **Core Member at KeyGenCoders-the official Programming Club of KGEC.**: Taught and mentored students for various topics of programming and encouraging them for Development.
  - **ImageIDGP-ITRA**: Built and Published APP on Playstore,as part of the Internship at ImageIDGP-ITRA with over 10000 downloads and 4.7 Ratings
  - **SwineApp**: Published with 4.8+ ratings on Playstore. Playstore

Education

- **Kalyani Government Engineering College, Kalyani** B.Tech in Computer Science; CGPA: 8.74  
*July. 2015 – June. 2019*