

# Ravinshu Makkar

 mravinshu@gmail.com

 +91 92554 69840

 linkedin.com/in/mravinshu/

 github.com/mravinshu

## EDUCATION

### **PostGraduate Diploma Big Data and Analytics, CDAC ACTS**

08/2025 – 02/2026 | Pune

### **B.Tech Computer Science and Engineering,**

*Lovely Professional University*

08/2019 – 07/2023 | Jalandhar

- 8.17/10 CGPA

## EXPERIENCE

### **Freelancing**

- **WhatsApp Bot for User Interaction:** Developed a WhatsApp bot that automated **90% of user queries**, reducing manual response time by **70%**.
- **Social Media Engagement Platform:** Built a system enabling users to post on Facebook, processing **10,000+ posts/month** with real-time webhook responses.
- **Campaign Management System:** Designed and implemented a campaign platform that successfully executed **500,000+ SMS and email campaigns**, improving engagement rates by **30%**.
- **Recommendation Model:** Created a course recommendation model that increases chat bot user hits by **50%**.

## SKILLS

### **Programming Languages**

Python, Dart, Java, Machine Learning

### **App Development**

Flutter SDK, Android SDK

### **Database Management**

PostgreSQL, Elasticsearch, Redis, HBase, Mongo

### **Messaging and Streaming**

RabbitMQ, Kafka, WebSocket

### **Scripting**

Bash & Shell Scripting

### **Others**

Git, Figma, Rest API, Database Design, Debugging, Json, YAML, TOML, OS, Linux, Hadoop, Spark

### **BigData Technologies**

Hadoop, ApacheSpark, Zookeeper

### **Data Visualisation**

Tableau, Matplotlib, Seaborn

## PROJECTS

### **SRM, Student Relation Management System**

11/2025 – Present

A web app that helps create tickets, leads for a college that can further be used by college admins

- Tech Stacks: Flutter, Flask, Python, Machine Learning (Recommendation Model)

### **Light Chat, Chat Application**

- Reduced communication latency by 60% through the development of a live chat application with end-to-end encryption, leading to faster response times and improved user engagement within the platform.
- Tech Stacks: Flutter, Flask, Socket io

### **Fast Anime, Anime Player**

## ACHIEVEMENTS

### **University Finalist, Flipkart Grid**

2022

Selected among top teams to represent university in final stage of Flipkart Grid 4.0

### **Runner-up, Bosch Ideathon**

2022

Secured 2nd position in BGSW IOT Garage University Collaboration Ideathon for idea - Shopping mall in Fingertips

### **Winner, HackGujarat sponsor prize**

2020

Awarded sponsor prize by echoAR for project chemistARy - an Augmented Reality based website for learning chemistry

### **Runner-up, DPS Rohtak**

2018

Won 2nd prize in district level team PPT presentation competition held in DPS Rohtak, Haryana.