

Ravinshu Makkar

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🎓 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.