

GAURAV DUBEY

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Education

- Bachelor's degree in Computer Science Engineering from IIIT Noida, with a GPA of 7.4 on 10 – graduated in May, 2015
- HSC in Physics and Maths from Saint Anselm's Sr. Sec School Ajmer, with 77%.
- SCC from Saint Anselm's Sr. Sec School Ajmer, with 88.80%.

Work Experience

PressPlay, Backend Developer – Delhi, India (Nov 2015 - present)

- Architecture Design and Development of data pipeline and self-hosted Analytics System.
- Developed Payment Module for offline as well as online transactions.
- Maintaining data pipeline and micro services based architecture.

PressPlay, Android Developer- Delhi, India (June 2015 - Nov 2015)

- Developed Media Streaming Android Application, which is one of the primary product for user acquisition.
- Play Store Url: <https://play.google.com/store/apps/details?id=com.pressplay.pressplay>

Research Work

- Proposed a technique for security in Generic Databases with minimal loss in performance by ingesting junk information.

Publication URL: <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7346709>

Projects

- Developed an Android Exoplayer wrapper to simplify Audio and Video Implementations along with custom player skin.
- Developed a One-One Chat Application where one can send text and image.
- Developed a Twitter Clone to implement basic functionality of twitter like follow people, post tweet, Retweet.
- Implemented Security in Electronic Health Databases (Open EHR) and developed a new architecture to implement Negative Database concept on Generic Databases.
- Designed and developed a social networking website. This site was build using Java Script, PHP, MySQL, HTML.
- Developed an Auto Parking and de-parking system for a car using an Arduino development board, Ultrasonic distance sensors and programmed in C.
- Developed a "Line Follower Robot" using an Arduino development board and IR Sensors.

Skills and Interests

System Programming: C++, JAVA, Shell scripting, Python, Go

Infrastructure Framework/Tools: Hadoop,Kafka,Celery,RabbitMQ

Databases: SQL(MySQL, PostgreSQL) NoSQL(Redis, Cassandra,InfluxDB, MongoDB)

Web scripting/frameworks: Flask, Django, PHP, Node.js

Mobile Development: Android

Extra-Curricular Activities

- Robotics Society Secretary for Year 2013-14.
- Programming Society Secretary for Year 2013-14.
- Secured 2nd Position in inter college Programing Event.