

RAJAT KUMAR AGRAWAL

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Education

The LNM Institute Of Information And Technology

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

- CGPA: 8.19/10.0

Jaipur, INDIA

August 2015 - June 2019

Sri Chaitanya Techno School

XIITH, CENTRAL BOARD OF SECONDARY EDUCATION (CBSE)

- Percentage : 90.20

Carmel Convent Senior Secondary School

XTH, INDIAN CERTIFICATE OF SECONDARY EDUCATION (ICSE)

- Percentage : 86

Visakhapatnam, INDIA

June 2012 - May 2014

Raigarh, INDIA

June 2012

Skills

Programming

Java (jdk 8 and 7), Python, Flask, PsqL

TOOLS

Serverless, AWS services (Lambda, SQS, SNS, Kinesis, DynamoDB), Elasticsearch, Android Studio

Experience

Delhivery Pvt Ltd

BACKEND DEVELOPER(TECH)

- Working on feature development and maintainance of Identity and Access Management System at Delhivery. Present IAM system consist of two services, UMS (user store) and Keycloak (identity provider). Worked on making services inside delhivery Oauth2 compliant using Oauth2 authorisation flows and openid protocol. Made use of client credential flow, PKCE code flow and implicit flow for token exchange in various services across delhivery.
- Created custom SPI for implementing TOTP and password reset functionalities in keycloak since it was not provided out of the box
- Worked on porting existing User Management System (UMS) to Keycloak service and it's integration with other services.
- Worked on designing indexes and migrating queries to Elasticsearch

Gurugram(Gurgaon), India

June 2019 - Present

Delhivery Pvt Ltd

BACKEND INTERN(TECH)

- Worked on building UMS(IAM service) to a highly scalable system with decreased latency and improved SLA, achieved it by optimizing several machine critical areas like rule engine and eradicating complex joins via materialized views
- During my Internship have had experience of working on python, flask, psqL along with integration of AWS services such as lambda, sqs, kinesis using serverless

Gurugram(Gurgaon), India

January 2019 - June 2019

Lithion Power

INTERN, ANDROID DEVELOPMENT

- Remote Internship for android application development responsibility was to work on building the entire Android mobile application, from scratch. Made use of REST Api call's and display details of batteries to end users that were drivers and owners. Users can have update of their assets state, location and also location of nearby of electric pumps.

New Delhi, India

April 2018 - June 2018

IIIT-NR

UG RESEARCH INTERN

- Internship comprises of predicting Probability of Default (PD) using extracted features from dataset of 10 branches of a bank containing details of loans in corporate class. The Internship was focused on content research and studying technical skills required for data pre-processing and feature extraction. My task was to extract the best feature for prediction using random feature selection and generating various decision trees.

Raipur, India

June 2018 - July 2018

Key Academic Projects

Blood Bank Management System and web portal: Created a web application to assist searching for blood availability at various hospitals by maintaining a common database for blood availability details, system also provides people to join as a donor, gives suggestions to the particular donor based on Geo-location of nearby hospitals with specific blood requirements. Learned about object oriented design patterns, agile methodology, class diagram and wireframes.

Responsibilities & Awards

2017-18 **Active member**, Android Division Cybros, Chess club

2016-17 **Technical Lead**, Computer Society of India Student Chapter

2016 **Oragniser**, Negotio-B plan competiton

2015-16 **Winner**, Dramatics

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