

RAJAT KUMAR AGRAWAL

☎ (+91)9993511140 | ✉ rajat496001@gmail.com | 🏠 rajatkagrawal.github.io/profile | 💻 rajat-nutanix | 📺 rajat-agrawal-2bb332108/

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

XIIITH, 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), JavaScript, Python, Flask, ReactJS, mongodb, Psql

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

Experience

Nutanix Pvt Ltd

MEMBER TECHNICAL STAFF - 4

- Worked on adding tenancy and providing framework for migration of services to multi tenant architecture, helps enabling up-selling and re-selling of products and services.
- Working on implementing zero trust fundamentals on Identity using device verification and insights of devices in a tenant.

Bengaluru(Bangalore), India

Aug 2022 - present

Nutanix Pvt Ltd

MEMBER TECHNICAL STAFF - 3

- Implemented Multi Factor Authentication, csrf token validation and other security features related to Identity.
- Built FedRAMP compliant Identity system and Apikeys service, also filed patent on monetization aware Apikeys.
- Designed and implemented password-less login with FIDO2 and webauthn. Worked on designing mtls enabled systems across organisation.

Bengaluru(Bangalore), India

Nov 2020 - Aug 2022

Delhivery Pvt Ltd

BACKEND DEVELOPER(TECH)

- Introduced and Integrated all the services across Delhivery with Keycloak (Identity Provider) which works on OAuth2 architecture along with Open ID Connect (OIDC) as identity protocol.
- Porting legacy systems to AWS services in serverless architecture. Worked on designing indexes and migrating queries to ElasticSearch.

Gurugram(Gurgaon), India

June 2019 - Nov 2020

Delhivery Pvt Ltd

BACKEND INTERN(TECH)

- Worked on building UMS(IAM service) to a highly scalable system with decreased latency and improved SLA, by optimizing several machine critical areas like rule engine and eradicating complex joins via materialized views
- Gained 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. 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 using extracted features from dataset of banks containing details of loans in corporate class. 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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