Anand Kumar

Senior Software Engineer

B.Tech — Electrical Engineering - IIT, Dhanbad

📱 +91-9523149920   @ anandkumariitdh@gmail.com   Skype: live:.cid.b72e7261eb71cb95

PROFESSIONAL SUMMARY

- 3 years of experience in Java backend development.

- Worked on projects which involved building distributed and scalable systems using microservice architecture.

- Part of end-to-end application development, including requirements gathering, HLD, LLD and production release in collaboration with technical leads.

- Worked on low level design of multiple projects and drove them till production release.

- Advocate for clean code and clean architecture principles.

- Mentored interns and new employees, accelerating their understanding of systems and enabling them to contribute efficiently to both business and technical tasks.

WORK EXPERIENCE

PAYTM — SENIOR SOFTWARE ENGINEER (SDE II)
JUNE 2021 - PRESENT

Payment Gateway - Merchant Settlement System

- Developed the settlement-gateway layer from scratch,providing merchants with settlement information through integrated APIs and core logic for manual settlement.

- Developed core logic for transactional fee deductions, direct merchant onboarding on AWS, on-demand fee deductions and strategy migration for merchants.

Realtime Data Domain

- Worked in RTDD(Real Time Data Domain) under Payments Gateway, developing consume center to process real time order details from various domains, saving transaction data in Aurora Database, creating APIs to queries ElasticSearch and Aurora Database for real-time merchant data including order,settlement and reconciliation information.

- Developed code for batch-retry process in which if the DTOs coming out of order or having some ambiguity in getting consumed can be stored in batch so that to go under retry process and get consumed again.

- Completed the whole deployment process and sanity testing of the APIs, Fixed all the Unit tests ,Integration tests(tests in json format which matches the value coming at real time with the values stored in the database) and wrote unit tests and integration tests.

P+ Accounting

- Worked in P+ Accounting domain, managing ledgers for all transactions and maintaining sharded tables for transaction level information

Fund Proxy

- Migrated Fund-proxy application from non-aws environment to AWS environment which is a kind of proxy layer to many upstream system.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — *Bachelor of Technology in Electrical Engineering*
JULY 2017 - MAY 2021   **CGPA – 8.02**

Delhi Model Public School,Patna- 12th
12th - APRIL 2015 - APRIL 2016 - **84%**

AVN English School , Patna-10th
10th - APRIL 2013 - APRIL 2014 - **9.4 CGPA**

SKILLS

- **Programming Languages :** C,C++,Java,SQL
- **CS-Subjects :**OS,DSA, OOPs, DBMS
- **Cloud-Services:**AWS(AmazonWebServices),ANT Cloud (Platform +)
- **Web Development** : Java, SpringBoot,MySQL
- **Tools :** Apache Kafka,Jenkins,Sonarqube,Apache Maven,JPA,JDBC,Hibernate,ApacheZookeeper,MySQL Workbench, h2(In memory database), Prometheus ,Grafana,Kibana,Xflush,Consoleng,Redis, JaCoCo
- **Machine Learning :** Regression, Classification, Neural Networks, Natural Language Processing.

PROJECTS

HANDWRITTEN DIGIT RECOGNITION –
https://github.com/anandkumariitdh/Hand-Written-Digit-Detection

CONVOLUTIONAL NEURAL NETWORKS __DEEP LEARNING

- Applied the **CONVOLUTIONAL NEURAL NETWORK CONCEPT** to determine the digit in the range from 1-9 analyzing its image.

SURVIVAL PREDICTION –
-https://github.com/anandkumariitdh/SURVIVAL__PREDICTION

MACHINE__LEARNING

- Trained a Machine Learning Model on the Training data to Predict the possibility of Survival of Passengers.

ACHIEVEMENTS

- Awarded as **ROCKSTAR** for implementing the FeeCharge enhancing system efficiency and user experience .

- Solved 1500+ CP problems on various platforms(like codeforces,codechef,GFG,Atcoder,LeetCode,HackerRank,HackerEarth,InterviewBit,TopCoder,SPOJ)

- Qualified **JEE ADVANCED 2017** and **JEE MAINS 2017**

- Secured AIR of 554(CML) in WBJEE 2017