Krishna Kant Tripathi

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Education

Lovely Professional University, Jalandhar   June 2019 – April 2023
Bachelor of Technology in Computer Science Engineering

Experience

Software Engineer, Digio – Bengaluru, Karnataka   April 2023 – Present

- Project lead for Anti Money Laundering Application which is capable to flag any user by screening them in exhaustive world wide defaulter lists, In this product, I have used Spring Boot, Java, Spark, SolR, TypeScript, JavaScript, PostgreSQL, MySQL, Kafka, Docker, Graphite. This application is scaled up to handle up to 5K QPS for screening individual user.
- Single handedly designed and developed end to end product for Business Verification automated report, which is used to verify business against Indian verification bodies. In this product, I have used Dropwizard, Java, JavaScript, MySQL. The report generation has to be done asynchronously with a given TAT of approx 25 mins.
- Managed team of 3 people along with designing and development of complete orchestration of ShareSphere service works as digilocker integration, which is one of the stable product of digio. In this product, I have used Spring Boot, Java, Amazon SQS, MySQL, Amazon DocumentDB, Docker, Grafana.
- Designed and developed product for generation of complete KYC verification PDF report, which contains all the information provided by the user for the verification along with the information present in the Indian government central database. In this I have used Spring Boot, Java, JavaScript, iText, MySQL.
- Worked along with Machine Learning team for complete implementation and integration of Selfie Liveliness detection, ID Card image analysis, Signature detection, Forgery detection, etc. I have used Dropwizard, Java, MySQL, Rest APIs.
- Designed and developed digio's integration with all KYC Registration Agencies and Indian government Central KYC's Unit(CERSAI CKYC), which enabled us to provide complete verification and submission of KYC verification journey of any individual. I have used Dropwizard, Java, Spring Boot, MySQL, Kafka, Prometheus.
- Worked over migrating complete monolithic services of KYC to microservices and added pinch of infra functionalities including Kubernetes deployment, ELK setup and AWS RDS integration.
- Designed and developed license based invocation of various services which has to be used by our client and has to be on-premise installation.

Software Engineer Intern, Digio – Bengaluru, Karnataka   March 2022 – March 2023

- Developed utility for performing advance fuzzy match between two given names. I have used FuzzyWuzzy, TensorFlow, Dropwizard, Java, MySQL, Active JPA.
- Developed feature of aadhaar masking efficiently and using in-house Machine Leaning Models. In this product I have used Dropwizard, Java, MySQL, PyTorch, YoloV5, JavaScript.
- Developed feature for capturing trail events happening in between VideoKYC, which enabled us to improve customer journey for Video KYC. I have used Microsoft Clarity, Metabase, Java, Dropwizard, MySQL.

Skills & Technologies

Languages and Frameworks: Java, Python, Springboot, Dropwizard, JUnit, SQL, NoSQL, Javascript, HTML, Angular, Flask

Other: Docker, Kafka, Redis, ELK, Kubernetes, Wazuh, Networking, Rest/SOAP APIs, Jenkins, JFrog, Sonar, Microservices, Agile