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KUSHAL DIXIT

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Experience: 9+ Years

EMPLOYMENT

Senior lead software engineer(P4)   **Clarivate**   **Aug 2024 - Present**
- Design and developed Patent and Trademark data validation and verification system from scratch.
- Prepared and presented ADR - Architectural decision record for Data verification system.
- This system removes manual data verification efforts and immensely improves overall time taken for Patent filing and verification.

Software Engineer 2B   **Ciena**   **Nov.2021 – Aug 2024**
- Rearchitected and developed various components and microservices involved in Service Order Management workflow ex. TMF641, TMF640
- Overall, 60% improvement in service order fulfillment and current bench marking is ~32000 service order perhour (previously ~20000).

Software Developer   **Netcracker**   **Mar. 2021 – Oct.2021**
- Design and developed various APIs for Service Order Management workflow.
- These automated APIs greatly reduce manual work by 50% in service order fulfilment.

Software Developer   **Amdocs**   **Sept. 2018 – Mar. 2021**
- Design and Development of JTF – Java transformation framework's components for OSS data migration for ARM (Cramer).
- Involvement in OSS data migration for PLDT customer and supported onsite (Philippines).
- Design and Development of ARM Sync Engine components.

Senior System Engineer   **Infosys**   **March 2018 - August 2018**
- Developed product registration system components for Cummins end user customers and service / support providers.
- This tool helped in smoothing automatic updates, product recall broadcasting and easy booking of service / support call.

Associate Consultant   **Capgemini**   **Sept. 2015 – Feb. 2018**
- Developed Business Process Flow (BPF) tool components which helped individual stakeholders to take necessary actions at earliest to resolve the problems resulting in the decrement in overall resolution time by 10%.
- Developed video hosting web application (Internal Innovation Tool) to make a single repository for all knowledge sessions (KTs) in account. This innovative tool reduced redundant KT sessions of seniors from 4 weeks to 1 week resulting in quick onboarding of new joiners in account.

Languages and Technologies
- **Primary skill:** Data structure and algorithm, High level design (HLD), Low level design (LLD), System design.
- **Programming Languages** - Java, Python (basic) and SQL.
- **Database** –PostgreSQL, Oracle.
- **Design Patterns** – Template (ETL), Repository, Adaptor Pattern, Factory, Builder.
- **Frameworks and tools** – IntelliJ, Junit, Sonar, Jenkins, TeamCity, Azure pipeline, Data dog, Docker, Kubernetes, Kibana, Grafana, Prometheus.
- **Cloud** – AWS (S3, RDS, EC2, ECS, Secrets manager, Param store, SQS, SNS)
  Others – Agile, GIT, Maven, Jira

EDUCATION

Bhopal, India   **LNCT, RGPV University**   **July 2011 - June 2015**
- Bachelor of Engineering, CGPA 7.8 / 10