HIMANSHU KASERA

SDE II, Mindtickle

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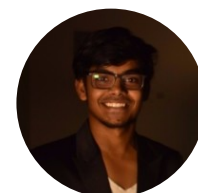
EXPERIENCE

Mindtickle - SDE II
📅 Aug 2020 – Ongoing

User management & Automation
- Designed and implemented a distributed asynchronous rule system with 10+ micro-services.
- Re-engineered the rule evaluation pipeline to handle 20X scale at peak loads.
- Defined a single platform definition and multiple offerings for Automation rules.
- Contributed to major enhancement to User management and automation framework.

Oracle India - Senior Application Engineer (IC3)
📅 June 2017 – Aug 2020

Cloud Notification Service (CNS)
- Envisioned, designed and implemented a highly-available and scale-able notification service to handle over 65 upgrade-related events and notifications for customers and internal teams.
- Implemented Retry Logic for failure handling in consumer micro-services using Kafka retry topics.
- Implemented JWT based authentication for machine to machine integration.
- Implemented CI/CD pipeline using Jenkins, configured monitoring & alerting, and defined deployment process on internal Kubernetes cluster in **Oracle Cloud Infrastructure (OCI)**.

Customer Management & Monitoring Service (CMMS)
- Designed and developed features to automate the upgrade process, reduce downtime from days to minutes, and improve customer experience as part of the Upgrades Team of **Oracle Service Cloud(OSvC)**.
- Introduced and honored critical preferences like language, utility delay, a preferred day for cut over etc.
- Collaborated with Oracle Security team to fix security issues with CMMS.

Goldman Sachs India - Summer Intern
📅 May 2016 – June 2016

Business driver tool for Liquidity metrics reporting
- Developed a web tool for business users to define and analyze business driver's rules for Liquidity Metrics reporting.
- Developed a dynamic rules editor with the priority of the rules.
- Developed reporting dashboard with Business specific drill-downs for transparency reporting.

PROJECTS

LogiBlock: Logistics using Blockchain
- The project aims to contribute to the field of logistics and supply chain management by exploring the potential of Blockchain within logistics.
- Increase supply chain transparency for both suppliers and consumers and improving contractual coordination to secure the fulfilment of sustainability clauses in transportation contracts.
- Technologies used include Ethereum and Meteor.

SKILLS

Languages
Java, Python, C

Framework
Flask, Spring, Hystrix

Databases
Mysql, Couchbase, DynamoDb, Postgres

Open Source Tools
Kubernetes, Kafka, Docker, Helm, Git, Sublime, HashiCorp Vault

Operating Systems
Windows, Linux

AWARDS

- Above & Beyond Employee Award - Oracle Service cloud Upgrades team(2019)
- Runners up - Oracle Service Cloud Hackathon 2019
- Winner - Oracle Service Cloud Hackathon 2018
- Winner- Dalal Street @ Pragyan NIT Trichy 2015,2016
- Winner- Triathalon @ Vortex NIT Trichy 2015

POSITIONS OF RESPONSIBILITY

- Project lead @ Oracle Bangalore - Student Mentorship program with Avanti fellows
- Events Head - Vortex NIT Trichy 2017
- Manager - Festember NIT Trichy 2016
- Internal Auditor - Festember NIT Trichy 2015

EDUCATION

- **B.Tech.(Hons.) in CSE**
  NIT Trichy, CGPA: 9.1/10
  📅 2013 – 2017 📍 Tiruchirappali