Ekta Nandwani

Associate | Goldman Sachs
Exp : 3.5 Years

- India
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Education

- **M. Tech – Systems and Theory**
  IIIT Bangalore
  3.44/4 GPA | 2019 – 2021
- **B.E. – Computer Engineering**
  L.D. College of Eng. GTU
  8.54/10 CGPA | 2013 – 2017

Technical Skills

Java, Spring, Spring Boot, Dropwizard, Hibernate, ORM, JUnit, Mockito, PowerMock, JavaScript, React, Angular, Python, MySQL, Sybase ASE, NoSql, MongoDb, PostgreSQL, Maven, npm, Docker, Kubernetes, Git, GitHub, Gitlab CI/CD pipeline, AWS, Shell Scripts, Postman/cURL, Linux, Shell Scripting, Apache Kafka, Snowflake, RESTful Web-Services, SDLC, Agile methodology, Debugging / Troubleshooting

Achievements

- **GATE - All India Rank - 464**
- Fast tracked **Promotion** to Associate in 18 months by **Goldman Sachs**
- **Ministry of Science** (Govt. of India) Scholarship Winner for academic performance within top 1% of Gujarat State
- **Open Source contributions** to GNOME Photos and GNOME Builder

Professional Experience

Goldman Sachs

Associate | Jan 2023 – Sept 2023
Project: Risk Assessment – Java based web app to assess risks and their controls across all divisions in the firm
- Introduced and enhanced REST Endpoints, automated jobs, test coverage in microservices based architecture.
- Created user friendly dashboard for tracking changes on DB entities in a bitemporal database saving 100% time spent on data retrieval from DB
- Containerized the web app using Docker and Kubernetes. Hence **automated application release process** and improved scalability & availability with zero downtime; **Set up daily cronjobs** to run daily scripts.
- **Mentored an intern** for summer internship project.

Analyst | Jul 2021 – Dec 2023

Project: Risk Analysis & Review Engine – Java based Web application with UI in React aimed at **automating and streamlining the previously manual process** of risk review and reporting across all risk stripes
- Onboarded risk deliverables collaborating across teams and understanding the user requirements; Designed and implemented a **data ingestion pipeline using Apache Kafka**, Snowflake, and Kubernetes.
- Worked on REST APIs, UI components, database changes, scheduled jobs and test coverage; **Optimized the workflow** that generated notifications if a data point breached a certain threshold.
- **Scaled up periodic risk analysis jobs execution capacity to 4x** by transitioning the execution from VM to pre-emptive shared resource pool.

Risk Intern | Jan 2021 – Jul 2021
- Upgraded REST APIs from Java 7 to Java 8 enhancing performance; **Boosted code coverage from 15% to 80%** using JUnit, Mockito & PowerMock significantly improving code reliability and maintainability.

Summer Intern | May 2019 – Jul 2019
- Migrated spot data from a GS legacy database and Sybase ASE to MongoDb**;** Wrote data reconciliation scripts and different CRUD APIs in Java and Securities Lang **making access of data 65% faster**.

Cybage Private Ltd.

Software Engineer | June 2017 – Sept 2018
Project: Web application for creation & management of ad campaigns
- Wrote REST Endpoints and UI components using Ruby on Rails and AngularJS and improved unit test coverage.

Google Summer of Code

Intern | 2017
- Developed SSO for Gnome Online Accounts to authenticate via Todoist. Also integrated GNOME Recipes (Desktop App) with Todoist to sync the lists to mobile app to enhance accessibility during in-store shopping.

Projects

- **Cube Data Management System -** Java based Desktop application for creating custom star schema specification, managing the cube data and running OLAP queries on top of it.
- **Manual Adjudication System (MOSIP) -** Modular Open Source Identity Platform that helps Governments and other user organizations implement a digital, foundational identity system. Created an application using Java and React for adjudicators to determine whether the user already exists in the system and reduce redundancies.
- **Query Forum - DevOps focused** Java project focused on automation of every step in SDLC. Tools used : SCM - Git, Build & Package - Maven, Integration Test - Selenium, Distribution - Docker, CI/CD - Jenkins.