

# Shivam Shishodia

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## EDUCATION

**Computer Science and Engineering (Bachelor of Technology)** July 2018  
Manipal University Jaipur **CGPA 9.21**

**Computer Science Elective (with PCM)** March 2014  
Navy Children School (Goa) **10<sup>th</sup> 9.8 CGPA - 12<sup>th</sup> 90.8**

## SKILLS

<b>Core Skills</b>	Java (Core Java, Spring, Spring Boot), SQL (PostgreSQL)
<b>Hands-on</b>	JavaScript (Angular), NoSQL (MongoDB), Python (Flask)
<b>Cloud</b>	Kubernetes, Docker, Oracle Cloud (OCI), Pivotal Cloud Foundry (PCF)
<b>Platforms/Tools</b>	RabbitMQ, Kafka, Spring Cloud, Spring Security, Maven, Git

## WORK EXPERIENCE

**Oracle** Bengaluru, India

*Software Developer 2 (Individual Contributor 2)* Oct 2022 - Present

**Oracle Management Agent** (Core Java, Springboot)

Developed real-time on-demand collectors for Oracle Management Agent; **shipped to over 250+ Oracle and 450+ 3<sup>rd</sup> party customers**. Agents hosted on the customer side are **designed to enrich, preprocess, and categorize data** and **cumulatively handle over 40 terabytes of data per day**. The agent enables any customer to collect data from on-premises, public clouds (AWS, Azure, GCP), or cloud infrastructure services (such as Object Storage, Virtual Cloud Network, Compute Instances, etc.).

**Dell** Bengaluru, India

*Senior Software Engineer* July 2018 - Oct 2022

**Quote Deal Planning** (Springboot, RabbitMQ)

Developed real-time RabbitMQ-based microservices to **process the high volume of sales records (8k/hour)**. Improved robustness by handling points of failures, and **increased data accuracy and integrity to 98 percent**. Led a team of four members to deliver 5 microservices for large order shipments, **improving system performance by 85 percent within a quarter**. Enabling zero downtime using blue-green deployment. Integrated Service Registry, Config Server, Credhub and made microservices 12-factor compliant.

**Workflow Engine** (Springboot, PostgreSQL)

Implemented a Free-marker and Quartz based microservice in a span of two sprints leading 2 software engineers from Austin, United States. Developed APIs were integrated with two applications (SNOP workflow, Quote Deal Planning) with more in the pipeline, **saving over \$100k per year in expenditure** due to Pega and Flowable licenses.

**Material Reservation** (Springboot, Angular, RabbitMQ)

Single-handedly developed the core microservice for MR **designed to process \$10 million worth of large order quotes** for Dell's strategic customers. The RabbitMQ feeds generated serve as the true source of information for downstream applications (FOE, BOSS, DPE) **reducing order process time by 60 percent**. Worked cross-functionally with engineering teams and **collaborated with business and product leadership** to define product plans and strategy.

**Dell** Bengaluru, India

*Software Engineer Intern* Jan 2018 - May 2018

**EOL Audit Automation, Headcount Tracker** (Python, Flask)

Designed and developed a Python-based automated task capable of **saving 5,992 man-hours per year** for the DCE Content Operations team. The codebase is deployed as a core application that **saves 5,880 man-hours per year processing EOL requests**. The project was awarded a 10/10 grade point and is actively used in production to date.

## NOTABLE ACHIEVEMENTS

- **Dell's Vice President Fiscal Year-End Individual Recognition** by Ramesh Jampula, Vice President and CIO APJ Region, Global Supply Chain Management, Dell (January 27, 2021).
- **3 Bravo awards, 1 Cheer award, 10 Shoutout awards, and 6 Applause awards** in total, awarded by 3 Principal Software Engineers, 2 Senior Advisors, 2 Managers, and 1 Director at an individual level.

- **Open Market API Contributions:** Generic workflow APIs for code reusability. Employee APIs for quick access to several interlocking applications visioned to be **used by Dell IT space (20+ applications)**. Password reset custom tool for one-tap password reset for multiple microservices **cutting down the effort required for this activity by 90 percent**.
- **3-time Information Technology Development Program Rockstar** for contributions towards ITDP committee (2-year program).
- **Chapter Officer, ACM** (Association for Computing Machinery): **Led over 250 students**, training them for competitive programming and industry-level best practices.
- **Top 5 percent of the batch:** Proven academic track record in Computer Science and Engineering program with 9.21 CGPA.