

# RACHIT GIRISH KULKARNI

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## PROFESSIONAL EXPERIENCE

### Platform Software Engineer: Larsen And Toubro Technology Services

08/21 – 03/24

- Designed, developed, and tested software solutions for various platform applications, utilizing programming languages like Java and Python to build scalable systems for enterprise clients
- Collaborated with cross-functional teams to integrate platform solutions into client environments, ensuring seamless communication between internal systems and third-party service.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines using Jenkins, Docker, and Kubernetes, reducing deployment times by 30% and improving software delivery efficiency
- Collaborated with product managers, QA teams, and other engineering teams to ensure that platform solutions met client needs and quality standards

## EDUCATION

### Arizona State University, Tempe, AZ

3.89 GPA

MS Software Engineering

### People's Education Society, Bangalore, India

3.74 GPA

Bachelor's in Electronics And Communication Engineering

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, JavaScript, C++, SQL, SPARQL

**Software Engineering:** UML modeling, Agile practices, Scrum, CI/CD pipeline management

**Front End Development:** React.js, Java Swing, HTML, CSS

**Backend Development:** Flask, REST APIs, Java-based frameworks

**Testing & QA:** Static analysis, boundary value testing, unit and integration testing, Junit5, pytest

**Semantic Web Technologies:** OWL, RDF, SPARQL, Ontology Engineering

**Tools & Platforms:** IntelliJ IDEA, Eclipse, Visual Studio Code, Protégé, JIRA, GitHub Actions, Microsoft Office Suite

## SOFT SKILLS

**Communication & Interpersonal Skills:** Skilled in articulating complex technical information.

**Adaptability and Flexibility:** Proven ability to prioritize tasks and shift focus as needed to address immediate technical needs.

**Attention to Detail:** Consistently maintains accuracy in documentation.

**Time Management and Task Coordination:** Efficient in managing and organizing workloads to ensure timely completion of tasks. Balances multiple responsibilities while maintaining productivity.

## ACADEMIC PROJECTS

### ArtTrack: Semantic Cataloging and Cultural Analysis ([Link](#))

Fall 2024

- ArtTrack explores the details of art history, from who made it to the cultural history it brings to the table
- Ontology Modelling and triples generated based on OWL and RDF syntax.
- Developed a Web Based Application(ReactJS front end, Flask Backend) to host the graphDB SPARQL endpoint to query and fetch meaningful results.

### Scrum Simulator ([Link](#))

Fall 2024

- Working on a scrum simulator using JAVA, Swing by following scrum methodologies as a 5- person team
- Introduced a strategic set of blocker and progress tasks, closely replicating real-world scenarios and promoting a more engaging and insightful learning experience

### Finance Tracker ([Link](#))

Spring 2024

- This project highlights practical front-end development skills and demonstrates my ability to create user-centric applications
- It's a great example of using JavaScript to solve real-world problems with a polished and professional design.