

# Umesh Somnath Ugale

Fullerton, CA | [umeshugale24@gmail.com](mailto:umeshugale24@gmail.com) | (+1) 657-445-7350 | [LinkedIn](#) | [GitHub](#) | [Trailhead](#)

## EDUCATION

### California State University, Fullerton CA, USA

Jan 2024 - December 2025

- Master of Science in Computer Science | GPA: **3.57/4.0**
- **Relevant Coursework:** Advanced Algorithms, System and Software Standards, Advanced Software Process, Advanced Blockchain Technologies, Advanced Computer Networks

### Savitribai Phule Pune University, Pune, India

July 2017 - May 2021

Bachelor of Engineering (B.E.) in Computer Science | GPA: **7.95/10**

## EXPERIENCE

### Application Development Analyst (Salesforce Developer)

Aug 2021 - Dec 2023

#### Accenture India Pvt. Ltd. Pune, India

- Developed and implemented a suite of configuration solutions for **Sales and CPQ Cloud**, resulting in a **30% reduction in support requests** and improving user satisfaction scores.
- Automated business processes using **Flows, Workflows**, and **Process Builders**, reducing manual efforts and process time by **70%**.
- Successfully converted **100% of workflows and process builders** from the system into **Flows**, streamlining the system architecture single-handedly.
- Built and maintained **Apex triggers, classes**, and **Lightning Web Components (LWC)** with **90% test coverage**, ensuring high code quality and system stability.
- Accomplished **data migration** across different Salesforce organizations.

## PROJECTS

### AI Based Virtual Assistant. | Python, REST APIs, HTML/CSS, SQL, NLP

- Integrated advanced NLP models using libraries **NLTK**.
- Implemented speech-to-text and text-to-speech functionalities using APIs **Google Cloud Speech**.
- Optimized the system to handle 100+ simultaneous conversations ensuring quick and accurate responses with a response time under **2 seconds**.

### Car Rental Service. | Java, JavaScript, React, Node.js, MongoDB, RestAPIs

- Integrated a **database with over 1,500 unique vehicles** stored across multiple locations and supporting upto 200 simultaneous users without performance degrading.
- Designed an **admin dashboard** for fleet management, allowing operators to monitor **vehicle maintenance schedules** and track rental history.
- Conducted performance optimization, reducing load time by **25%**.
- Utilized **SQL** to manage customer data and **SOQL** to pull real-time data from Salesforce for customer support tickets.

### Secure Text Communication Using Cryptography. | Cryptography, Python, RSA

- Engineered a modular encryption solution that reduced processing time by 30% for real-time secure messaging; enhanced scalability, allowing the system to accommodate a growing user base without compromising security.
- Ensured the application adhered to modern cryptographic standards, with keys sized at **2048 bits** to guarantee **strong encryption** against attack.

## Certifications

### Salesforce Administrator Certification

## Technical Skills

- **Programming Languages:** JAVA, JavaScript, HTML, CSS, C, C++, Python, TypeScript
- **Frameworks:** React, Node.JS
- **Salesforce Tools:** Salesforce (Apex Programming, Configuration), Lightning Web Component(LWC), Aura
- **Database and Tools:** MySQL, SOQL, MongoDB, DataLoader, Workbench