

# SHREENIDHI VITTALA ACHARYA

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## EDUCATION

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### Rochester Institute of Technology

Master of Science Computer Science *GPA: 3.6*

Rochester, NY

Aug 2022 - Aug 2024

### Mumbai University

Bachelor of Engineering Computer Engineering *GPA: 9.13*

Mumbai, India

Aug 2015 - May 2019

## EXPERIENCE

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### Tata Consultancy Services

*Systems Engineer*

Mumbai, India

Jul 2021 - Jul 2022

- Deployed a USB (Universal Serial Bus) server backup method in Linux/Solaris environment using Shell scripting and Java, resulting in a 75% improvement in time for backup/restore.
- Optimized a C++ billing algorithm to resolve unwanted file deletion issues, leading to a 100% enhancement in server performance at customer sites like Verizon and Nokia.
- Automated Sanity Check script in Python, accelerating the testing process for new features on the server by 55%
- Collaborated with a team of 16 along with 3 interns to enhance the customer experience for clients like Verizon, T-Mobile, and Nokia.

### Tata Consultancy Services

*Assistant Systems Engineer*

Mumbai, India

Jun 2019 - Jul 2021

- Created 150 Test Cases in YAML to perform Functional testing.
- Delivered 2 Perl commands that addressed the task of replacing old cipher keys with a new one. Also, appended an extra command to the sudoers file, granting the necessary privileges for the authorized users.

## SKILLS

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Programming Languages:	Java 17, Python 3.8, Unix Shell Scripting, C/C++
Web Technologies:	React, Redux, Firebase, HTML/HTML5, CSS/CSS3, JavaScript
Databases:	MySQL, PostgreSQL, MongoDB
Application Software:	GitHub, Jira, Azure, Microsoft Office
Additional Skills:	Object Oriented Programming, Agile principles, Static code analysis

## PROJECTS

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### FindBuddy *Postgresql, HTML, CSS, JS, Mockaroo*

Presented a project FindBuddy, developed by a three-member team to boost individual progress by up 80%

### Airline Delay Analysis *Postgresql, Python 3.8, Azure*

Co-ordinated with a four person team on delay analysis for multiple airlines having 500M records in 10 CSV files

### Kaggle dataset-IMDB *Python 3.8, DataGrip, PostgreSQL*

Proposed the ER diagram and constructed the relational model using 7 CSV files with approximately 100M tuples. Migrated to a document-oriented model reducing the number of tables to 4.

### LinkedIn Clone *React, Redux, MaterialUI, Firebase*

Designed a LinkedIn clone, mirroring 2, essential features from the original platform i.e login/signup and share post

### ToDoApp *Redux, React*

A Todolist, that helps to be on track by tracking the status of all the tasks created by user.