

# Riya Gupta

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## EDUCATION

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### Master of Science in Computer Science

University of Texas at Dallas - Richardson, Texas

Coursework – Algorithm Analysis and Data Structures, Operating Systems, Object-Oriented Analysis & Design

### Bachelor of Technology in Electrical Engineering

Siksha 'O' Anusandhan University - Bhubaneswar, India

Coursework - Data Structures and Algorithms, Object Oriented Programming Structure, Machine Learning

**GPA: 8.87/10**

June 2016

## SKILLS

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|---------------------------|--|
| <b>Languages:</b>         | Java, Python, C++, HTML, CSS, JavaScript, SQL, Bootstrap, jQuery |
| <b>Operating Systems:</b> | Windows, Mac, Linux  |
| <b>Tools:</b>             | Git, Jira, Visual Studio Code, Eclipse, IntelliJ                 |

## WORK EXPERIENCE

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### Tata Consultancy Services Ltd. - Mumbai, India

April 2018 – August 2021

*Systems Engineer*

- Created the data load and data restriction procedures and scripts for Enterprise Pricing Solutions, Cisco Analytics to provide detailed visualizations and restrict data as per user requirements.
- Developed stored procedures and triggers on Oracle database for connected experience project
- Responsible for gathering business requirements, functional requirements and design documents.
- Performed functional, negative, positive, integration, regression, end to end and user acceptance testing.
- Analyzed and developed test plan, test cases, test scripts, expected test results and test procedure from functional requirement for different modules.
- Maintained bug lists for critical issues using quality center.

**Technologies and Tools Used:** HPQC (ALM), Rally, Toad, SAP HANA Studio, Tera Data SQL Assistant, Eclipse

## PROJECTS

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### BlogWebsite (Technology Used- HTML, Express, Node.js)

- Used EJS for UI and took input from the user as a form.
- Used JavaScript events to send a POST request to express where the contents of the form are stored in a list as objects.
- This project was hosted on Heroku.

### SearchAnyBook (JavaScript, Express, Handlebars, CSS, jQuery, AJAX, Node.js)

- This project leverages google APIs to find books related to user search based on author names and titles.
- Utilized jQuery to send requests and manipulate DOM with response from the end point.

### Todolist (EJS, Express, Node.js)

- A simple to-do list where users can add or remove to a list.
- Utilized EJS to take input and send requests to an express server.
- Defined a POST end point to store tasks in a list on the backend.

### NewBankAccountApplication (Java)

- This application utilizes interfaces and objects to read data and create relevant accounts.
- The project displays account information based on the type of account.

### EmailApp (Java)

- This application takes user details as inputs and creates email accounts.
- A random password is generated when an email gets created for the first time.
- Accessors and mutators are defined to retrieve account details and change passwords.