

Priyadharshini Damodharan

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WORK EXPERIENCE

Software Engineer

Jan 2021 – Present

Sopra Steria

Chennai, TN

- Responsible for developing Restful API's, web applications using Spring boot and testing the code independently.
- Monitored quality, performance and usage of the developed functionalities in the applications.

INTERNSHIPS

Data Science and Analytics Intern

Nov 2020 – Nov 2020

The Sparks Foundation

- Worked on tasks related to machine learning algorithms:
- Fundamental Analysis using Linear Regression.
- Prediction using Classification, and Clustering for Diversification Analysis.

Tableau Developer

Nov 2019 – Jan 2020

Genuine IT Solution

Chennai, TN

- Prepared data for use by Tableau, created dashboards, reports and visualizations.

Web Developer

Jan 2019 – Jun 2019

Astiv

Chennai, TN

- Created websites for clients and enhanced functionality and appearance of website.
- Designed user interface to meet client specifications and content management system.
- Identified and eliminated website bugs to improve user experience.

Database Administrator

Jun 2018 – Sep 2018

AGCT Venture Pvt Ltd

Chennai, TN

- Developed, updated, organized and assisted databases to handle customer and data.
- Set up and controlled user profiles and access levels for each database segment to protect important data.

EDUCATION

Anna University - Sri Sairam Institute of Technology

June 2016 – September 2020

Bachelor of Engineering in Computer Science and Engineering

Cum.GPA: 8.65/10.0

Sunbeam Matric Hr Sec School

June 2015 - April 2016

Class 12

Percentage: 88.67

Sunbeam Matric Hr Sec School

June 2013 - April 2014

Class 10

Percentage: 94.4

PROJECTS

e-wallet

Oct 2021

- Developed a complete Web App(includes some Spring Boot-based Microservices) for an e-wallet (like Paytm) App.
- Tech Stack Used: Spring Boot + Hibernate + MySQL + RESTful APIs + Redis + Kafka + OAuth 2 + Security.
- It has all the common functionalities that any e-wallet (like Paytm) can have.

Next Word Predictor

Jan 2021 – Oct 2021

- A Shiny app that uses a text prediction algorithm to predict the next word(s) based on the text entered by the user.
- Implementation: Used N-Gram Language Model to create the prediction algorithm.
- N-grams were extracted from the corpus and used to build the predictive text model.

Refer Portfolio for more projects - <https://priyasdamodharan.github.io/priyadamodharan-portfolio/>

TECHNICAL SKILLS

Languages: Java, MySQL

Frameworks: OOPs, Spring/Spring Boot, Restful API, OAuth 2, Spring Security, Hibernate, Maven

Others: Problem Solving, Data Structures, Git/GitHub, Pega, Tableau