


SHIVANI GOWDA

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EDUCATION

Loyola Marymount University

Master of Science in Computer and Information Technology, GPA: 3.87/4.0

Los Angeles, CA

08/2021-04/2023

Amrita School of Engineering

Bachelor of Technology in Electrical and Electronics Engineering, GPA: 3.43/4.0

Bengaluru, KA, India

06/2015-05/2019

SKILLS

Languages: Python, Java, C, JavaScript, SQL

Web technologies: HTML, CSS, Bootstrap, RDBMS

Tools, frameworks and technologies: React.js, Oracle Database, Jira, Jenkins, Git, Scikit-learn, NumPy, Linux, Microsoft Excel, LaTeX, Postman, RedHat OpenShift, Visual Studio code, PyCharm.

EXPERIENCE

Loyola Marymount University

Graduate Assistance

Los Angeles, CA

01/2022-present

- Assisting in the creation of the schedule of classes and university catalog.
- Managing Student record by identifying, isolating, preparing, and gathering data.

IBM

Application Developer

Bengaluru, KA, India

12/2019-04/2021

- Raised efficiency above 23% by identifying bottlenecks and removing redundancies in project requirements with suitable rules and fragments in CPQ tool with efficient algorithms.
- Implemented several policies to set promotions/offers that are applied for products based.
- Assisted the team in migrating to RedHat OpenShift platform; provided a secure and easy to use cloud platform.
- Increased the service reliability by 10% by offering effective solutions for crucial defects.
- Led 5 minor releases, which improved quality of the product by avoiding long time wait for the changes and this strengthened our client's trust on our team.

PROJECTS

Transfer Learning Approach for Sentiment Classification

github.com/sgowdaks/sentiment-analysis-using-BERT

Finetuned BERT language model on twitter dataset which proved 10% better accuracy than the Support Vector Machine (SVM) model when trained on same datasets.

Online Catering Service

github.com/sgowdaks/online-catering-service

This web application provides features like seamless navigation, easy and secure sign up which makes it user friendly and reliable, with Apache MySQL PHP (WAMP) server.

PUBLICATIONS

Reddy, P. Rampulla, **KS Shivani Gowda**, S. Charitha, and R. Mahalakshmi. "Review and Redesign of Pedal Energy-Solar Power Augmented Hybrid Bicycle." In *2020 Third International Conference on Smart Systems and Inventive Technology (ICSSIT)*, pp. 376-380. IEEE, 2020.

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