SHIVANI GOWDA

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EDUCATION

Loyola Marymount University — Los Angeles, CA
Master of Science in Computer Science and Information Technology — 08/2021-04/2023

Amrita School of Engineering — Bengaluru, KA, India
Bachelor of Technology in Electrical and Electronics Engineering, GPA: 3.43/4.0 — 06/2015-05/2019
Coursework: Computational Thinking and Problem Solving, Computer programming, Fundamentals of Soft Computing, Fundamentals of Information Technology, Optimization Theory.

SKILLS

Languages: Python, Java, C, SQL
Web technologies: HTML, CSS, JavaScript, jQuery, Bootstrap, PHP
Tools and framework: React.js, MySQL, Oracle Database, Jira, CPQ Sterling, Jenkins, GitLab.
Technologies: Red Hat OpenShift

EXPERIENCE

IBM — Bengaluru, KA, India
Application Developer and Package Consultant Sterling CPQ — 12/2019-04/2021

- Built an easy-to-use, and more robust online shopping web application.
- Raised efficiency above 23% by identifying bottlenecks and removing redundancies in project requirements with suitable rules and fragments.
- Increased the service reliability by 10% by offering effective solutions for crucial defects.
- I took initiative and led 5 minor releases, which improved quality of the product by avoiding long time wait for the changes and this strengthened our client' trust on our team.

PROJECTS

E-commerce Order Tool

A changeling experience, which involved not only the development part but the bigger perspective of how a business runs for telecom industry. As a developer, I implemented several polices to set promotions/offers that are applied for products based on user types. It deals with critical part of pricing of products which is growth driven factor for the business.

Online Catering Service https://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.

Review and Redesign of Pedal Energy-Solar Power Augmented Hybrid Bicycle

As a team of 4, our passion towards solving real world problem led us to this idea. It suggests on how few modifications on normal bicycle can improve its efficiency by 40% and its impact on environment with comparison to other common means.

CERTIFICATIONS

- Brighter Blue - "Enable" level and Front-end (React.js) by IBM.
- Mastering Data Structures and Algorithms using C and C++ certificate by Udemy.
- Web Development Workshop by Study Owl.

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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