Balaji Ganesan

Equipped with a broad problem solving skills and adaptable for every situation

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github.com/Balaji0112

EDUCATION

Master of Science
George Mason University

08/2023 - Present   *3.67/4.00*

Major
- Computer Software Engineering

Bachelor of Technology
National engineering college

06/2017 - 04/2021   *7.93/10.00*

Major
- Information Technology

WORK EXPERIENCE

Full Stack Developer
Icode, Seattle

05/2024 - 08/2024   *Washington, United States*

Role and Tasks
- Built websites to meet client needs, conducting end-to-end development, testing, and customer support.
- Successfully integrated Stripe payments into a Node.js-based revenue-generating website.
- Shared the learning and insights through the articles in medium blog (https://medium.com/@balajig0112)

Contact : Sivagami Arunachalam - sivagamip@outlook.com

System Engineer
Tata Consultancy and Services

07/2021 - 12/2022   *Chennai, India*

Role and Tasks
- As a Backend Support Engineer in the middleware fusion domain (TPG Vodafone Telecom), efficiently resolved customer queries and managed daily tickets, ensuring timely solutions.
- Proactively identified recurring issues, liaising with developers to file bugs and overseeing code deployment
- Continuously monitoring system performance post-issue resolution to ensure both the successful resolution and the absence of potential regressions or adverse side effects.

RECOGNIZED CERTIFICATIONS

Web development - Udemy

Complete Javascript Course - Udemy

Enhanced soft skill and personality - NPTEL

Certification on Technical English - NPTEL

BEC English Course Vantage certificate

TECHNICAL SKILLS

`Node JS` `JavaScript` `Typescript` `Java`
`React JS` `HTML/CSS` `SQL` `Python`

PERSONAL PROJECTS

Diabetes Mellitus Prediction
- A comprehensive website utilized machine learning algorithms(KNN) to predict diabetes possibilities in patients.
- Used insights from extensive datasets comprising terabytes of information fetched from past patient records.

Farmer's Friend
- Website serves as an educational platform aimed at introducing farming techniques to the younger generation.
- Offering guidance on seed selection for different seasons and soils, fertilizer application, harvesting practices, and optimal watering methods for successful farming.

Sehatuka
- This app concentrates on tracking medical records and facilitating reminders, like medication intake.
- Built a REST API that serves over 20 screens for the mobile application.

VOLUNTEERING

Hope3 Varsity(www.hope3.org)
Tutored JavaScript to undergraduate students through the Hope3 Varsity program. This encompassed virtual instruction via Zoom, assigning homework, and guiding them in project development as part of the course curriculum.

Information Technology Association (ITA)
As the head of ITA at college, my role involved organizing events, fundraising, and hosting workshops. Conducted eight successful intra-college symposiums and workshops.

National Service scheme
As the leader of the IT department NSS, actively participate din every camp and fieldwork, contributing as a dedicated volunteer. Annually, as part of CSS camps, Visited underprivileged villages, advocating for education, cleanliness, and India's Swachh Bharat mission.

INTERESTS

`Algorithm` `Data Structures` `Web Development`
`Database` `Rest API` `Problem-Solving`