

BALAJI HARIHARAN N S

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Software Engineer | Full-Stack Developer | Java/Python Developer

CAREER OBJECTIVE

Motivated software developer seeking opportunities to apply strong skills in Java, Python, SQL and full-stack development to build scalable, high-quality applications. Passionate about problem-solving, clean code practices, system optimization and contributing to collaborative engineering teams in a dynamic IT environment.

EDUCATION

KONGU ENGINEERING COLLEGE,

ERODE

Master of Computer Applications.

PSG COLLEGE OF ARTS & SCIENCE,

COIMBATORE

Bachelor of Information Technology.

SAMBAVIGA HIGHER SECONDARY SCHOOL,

SIVAGANGAI

HSC.

SAMBAVIGA HIGHER SECONDARY SCHOOL,

SIVAGANGAI

SSLC.

Present

CGPA: 8.59*

2021-2024

CGPA: 8.2

2020-2021

Percentage: 80.91

2018-2019

Percentage: 77.2

PROJECTS

SMART CONSTRUCTION MATERIALS MANAGEMENT SYSTEM

Developed a scalable MERN e-commerce application using MongoDB, Express.js, React (Vite), Node.js with JWT authentication and role-based access control.

Built a powerful admin dashboard with secure RESTful CRUD APIs for real-time inventory and order management.

SMART BILLING SALES MANAGEMENT SYSTEM FOR CAFÉS

Developed a production-ready POS Billing System using MERN Stack with JWT authentication, real-time sales dashboard, and thermal receipt generation for a coffee shop.

RECIPE RETRIEVAL

Built a personalized recipe recommendation system using React.js, Node.js, MongoDB with preference-based filtering.

Developed RESTful APIs and dynamic UI components for real-time recipe suggestions.

PORTFOLIO

Developed a dynamic personal portfolio using React.js with component-based architecture and responsive design principles. Implemented optimized UI layouts and cross-device compatibility to deliver a seamless browsing experience.

STUDENT MANAGEMENT SYSTEM

Built a Java desktop app using JDBC MySQL for construction material inventory management.

Added role-based login with secure CRUD operations and admin dashboard.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C
- JAVA
- PYTHON
- JAVASCRIPT
- C#
- PHP

WEB TECHNOLOGY

- HTML
- MERN
- CSS

IDE AND TOOLS

- VScode
- Eclipse
- Git • Github

DATABASE AND PLATFORMS

- SQL
- AWS EC2 , S3

ACHIEVEMENTS

GITHUB FOUNDATION

Gained practical knowledge of version control, repository management and collaborative workflows using Git and GitHub.

SOFTWARE TESTING

Trained in manual testing principles, test case design, defect tracking and basic automation concepts.

ADDITIONAL

INFORMATION

- Languages - English,Tamil.
- Soft Skills - Problem solving,Team collaboration, Time management

SOCIAL LINKS

<https://github.com/balajihariharan01>

www.linkedin.com/in/balajihariharanns

<https://leetcode.com/u/balajihariharan/>

<https://balajihariharanns.vercel.app/>