KARTHIK S R
M.C.A. - Computer Applications
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KEY EXPERTISE

Basics of C,C++ and Java

EDUCATION

RNS Institute of Technology	2023 - 2025
M.C.A. - Computer Applications	CGPA: **9.21** / **10**	

PES Institute of Technology and Management, Shimoga	2020 - 2023
B.C.A. (Full Time)	Percentage : **84.36** / **100**	

Government pu college Shiralakoppa, Shikarpur	2020
12th	PUE Karnataka	Percentage: **69.66** / **100**	

Government HighSchool Kolagi, Shikarpur	2017
10th	KSEEB	Percentage: **72.64** / **100**	

INTERNSHIPS

ALT Digital Technologies | IT / Computers - Software   25 Nov, 2024 - 04 Jan, 2025
Java Trainee

Key Skills: mysql workbench   Spring Boot   Servlets

During my internship at Alt Digital Technologies, I worked as a Java Trainee, gaining hands-on experience in the development of modern web applications using a variety of technologies. The primary focus of my role was to work with the Spring Boot framework, Thymeleaf templating engine, and MySQL Workbench, all of which are essential for building dynamic and robust web applications.

My primary task was to assist in the development of backend functionality using Spring Boot, where I learned to create RESTful APIs, integrate database connections, and implement business logic. I was involved in designing and developing microservices that interacted with the front end and the database. Additionally, I collaborated with the team to ensure that the services were scalable, efficient, and secure.

For the front-end, I worked with Thymeleaf as a templating engine to render dynamic content. I gained experience in creating responsive and user-friendly views, integrating server-side logic with the front end to present data from the database seamlessly.

A significant part of my internship also involved working with MySQL Workbench for database management. I assisted in designing and optimizing SQL queries, creating tables, and performing data manipulation tasks. This helped me understand the importance of efficient data storage and retrieval in application performance. I also contributed to data migration processes and performed troubleshooting tasks to resolve database-related issues.

This experience significantly boosted my understanding of Java-based technologies and prepared me for real-world software development challenges.

PROJECTS

INTERNCONNECT
20 Dec, 2024 - 29 Jan, 2025

Mentor: Shiva Prasad | **Team Size:** 2

Key Skills: Spring Boot | Thymeleaf | mysql workbench

InternConnect is a web-based application designed to streamline the management of internship workflows within an organization. The platform features three key modules: Intern, Admin, and Mentor. These modules facilitate seamless communication, task allocation, and performance tracking between interns, mentors, and administrators, enhancing the overall efficiency of managing internship processes.

Interns can log into the system to view the tasks and projects assigned to them by either the admin or their mentors. They are required to wait for approval from the admin before beginning any task or project, ensuring that the work is properly validated before starting. Once they complete a task, they can submit it for review. Interns can also monitor the status of their tasks and keep track of their progress and deadlines.

Admins have complete control over the system, managing both interns and mentors. They can add new intern and mentor profiles, assign tasks or projects, and monitor the progress of both interns and mentors. Admins are also responsible for reviewing and approving or rejecting tasks and projects submitted by interns. This provides a centralized place for administrators to manage workloads, track performance, and ensure smooth operation.

Mentors play a key role in supporting and guiding interns. They can assign tasks and projects to their mentees, offering guidance and support as needed. Mentors can also review the work submitted by interns and provide feedback. The mentor module helps ensure that interns receive the necessary support and direction throughout their assignments.

The application was developed using Spring Boot for the backend, MySQL for database management, and Thymeleaf for rendering dynamic content on the frontend. InternConnect automates task management, improving communication and efficiency, while providing a centralized platform for managing intern activities and progress.

E-SHALA
02 Dec, 2024 - 16 Dec, 2024

Mentor: Shiva Prasad | **Team Size:** 1

Key Skills: Spring Boot | Thymeleaf | mysql workbench

E-Shala is a web application designed to manage student records, internal and semester exam marks, and timetables. Developed using Spring Boot, Thymeleaf, and MySQL, it features an Admin Module for data management and a Student Module for viewing marks and schedules. Ensured real-time updates and secure access.

PRADAATHA
26 Apr, 2023 - 25 Aug, 2023

Mentor: ASHWINI E M | **Team Size:** 4

Key Skills: Android Studio | Android Development | XML | Firebase | JAVA

It is an app that will act as an interface between these donors and needy people. As it helps donors to reach with these indigent people to provide these basic needs like food, clothes, etc.... It contains Android Studio which in turn is connected to Firebase a real-time database.. Xml 8 Java software will help for user interface development and layout management. The app (which interacts with the database, stores or retrieves the data) has been developed using firebase Database connectivity tool.

ACHIEVEMENTS

- Best Student Of The Hackathon Which Was Conducted By Supraja Technologies

ASSESSMENTS / CERTIFICATIONS

Programming in C

Security Expert(Level-1)

Key Skills: Phishing | Snow Tool | Basic of Kali Linux

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: No 79 1st floor 10th cross, 2nd stage BHEL Layout, Pattanagere, RR Nagara Banglore-560098, Bengaluru, Karnataka, India - 560098

Date of Birth: 23 Apr, 2002
Known Languages: English,Kannada,Hindi
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