

DARLA VENKAT RAMESH

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Career Objective:

Motivated and detail-oriented aspiring Software Engineer with a strong foundation in Java, Python, and full-stack development. Passionate about problem-solving, software development, and emerging technologies. Seeking an opportunity at American Express to enhance technical expertise and contribute to real-world projects in a collaborative environment.

Education:

K.S.R.M College of Engineering, Kadapa, A.P, India

- Bachelor of Technology in Electronics and Communication Engineering
- CGPA: 84%
- Graduation Year: 2024

Sri Chaitanya Academy Junior College, Kadapa, A.P, India

- Board of Intermediate Education, AP-BIEAP
- Grade: 98%
- Years Attended: 2018-2020

Sri Sai Vidhyanikethan Concept School, Kadapa, A.P, India

- Board of Secondary Education of Andhra Pradesh
- Grade: 97%
- Year Completed: 2018

Skills:

Technical Skills:

- **Programming Languages:** Java-JDBC,JSP,Servlets,JavaScript.
- **Frameworks:** Hibernate, SpringBoot
- **Web Development:** HTML, CSS, Bootstrap.
- **Database Management:** SQL, MySQL.

Soft Skills:

Strong communication, interpersonal, and analytical skills are necessary to collaborate effectively with teams and clients.

Internships:

Embedded Systems and IOT in EDGATE:

- Developed and optimized IoT-based solutions for embedded systems.
- Gained hands-on experience in microcontroller programming and communication protocol.

Projects:

Serial Peripheral Interface Protocol Design :

- Designed and implemented a customizable Serial Peripheral Interface (SPI) core to enhance communication in embedded systems.
- Focused on flexibility, scalability, and optimization to develop a robust SPI master core.
- Verified functionality using Xilinx Vivado tools for diverse applications in automotive, industrial automation, consumer electronics, and IoT.

ToDo-List Application SpringBoot:

- Developed a full-stack ToDo List web application using Spring Boot (Java) for the backend, JSP, HTML, CSS, and JavaScript for the frontend, ensuring a responsive and interactive user experience.
- Implemented RESTful APIs using Spring Boot to perform CRUD operations on tasks, integrated MySQL for data persistence, and utilized JDBC for seamless database interactions.
- Configured and deployed the application on Apache Tomcat, managed dependencies with Maven, and enhanced UI functionality with Bootstrap and jQuery for an optimized user experience.

E-Cart shopping website:

- Developed an **E-commerce Shopping Website** using **JSP, Servlets, JDBC, and MySQL**, featuring a **modern and responsive UI** with HTML, CSS, and Bootstrap.
- Implemented a robust **backend using Servlets, JDBC, and MySQL**, ensuring efficient data management, secure authentication, and seamless order processing.
- Designed an **interactive and visually appealing frontend** using **HTML, CSS, and Bootstrap**, incorporating a vibrant **VIBGYOR** color scheme for an engaging user experience.

Strengths:

- Strong communication and collaboration abilities.
- Creative and proactive in solving complex technical challenges.
- Effective leadership and teamwork skills.

Hobbies:

- Playing cricket.
- Listening to music.
- Browsing the internet for new tech trends.

Declaration:

I hereby declare that all the information provided is true to the best of my knowledge.