

# Darla Venkat Ramesh

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🌐 darla-venkat-ramesh  
📍 Kadapa, Andhra Pradesh, India

🐙 Venkatrames



## Career Objective

- 📌 Motivated and detail-oriented engineering graduate seeking an entry-level software development position where I can apply my academic knowledge, hands-on project experience, and enthusiasm to contribute to team goals and grow into a proficient developer.

## Education

- 2020 – 2024 📌 **Bachelor of Technology in Electronics and Communication Engineering**, K.S.R.M College of Engineering, Kadapa, A.P, India.  
CGPA: 8.4
- 2018 – 2020 📌 **Intermediate Education**, Sri Chaitanya Academy Junior College, Kadapa, A.P, India.  
Grade: 9.8
- 2017 – 2018 📌 **Secondary School Certificate**, Sri Sai Vidhyanikethan Concept School, Kadapa, A.P, India.  
Grade: 9.7

## Work Experience

- July 2023 – August 2023 📌 **Intern, Embedded System and IoT** at EDGATE Technologies.  
Worked on microcontroller-based system development and sensor integration for IoT applications.
- July 2024 – December 2024 📌 **Java Full Stack Developer Trainee, Tap Academy, Bangalore.**  
Completed intensive training in Java, web development, SQL, JDBC, Servlets, JSP, Spring Boot, and Hibernate.  
Built real-world projects and enhanced debugging and problem-solving skills.

## Skills

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|---------------------|---|
| Languages           | 📌 Java, HTML, CSS, JavaScript, SQL, Python  |
| Frameworks          | 📌 Spring Boot, Hibernate  |
| Web Technologies    | 📌 JSP, Servlets, JDBC, REST APIs  |
| Database Management | 📌 MySQL   |
| Tools               | 📌 Eclipse, Postman, Git, GitHub   |
| Operating Systems   | 📌 Windows, Linux  |
| Soft Skills         | 📌 Communication, Leadership, Creativity, Teamwork, Adaptability, Attention to Detail, Problem-Solving |

## Projects

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|---|---|---|
| Serial Peripheral Interface Protocol Design | ■ | Designed a customizable SPI core for embedded systems using Verilog. Verified the design using Xilinx Vivado tools. Implemented communication using standard SPI signals ( <i>MOSI</i> , <i>MISO</i> , <i>SCLK</i> , <i>SS</i> ) and finite state machines. |
| E-Cart Shopping Website                     | ■ | Developed an end-to-end e-commerce application using JSP, Servlets, JDBC, and MySQL. Implemented user authentication, product catalog, shopping cart, order processing, and an admin control panel for product management.                                  |
| ToDo-List Application using Spring Boot     | ■ | Created a CRUD-based ToDo application using Spring Boot, MySQL, and Thymeleaf. Integrated user login, responsive UI with Bootstrap, and RESTful architecture with layers: Controller → Service → Repository.  |

## Miscellaneous Experience

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### Awards and Achievements

- 2023 ■ **Certificate of Appreciation**, Embedded System and IoT Internship at EDGATE.
- **Certificate of Appreciation**, Entrepreneurship Program by Wadhwani Foundation.
- **Participation Certificate**, Quiz Program at K.S.R.M College of Engineering.

### Certification

- 2025 ■ **Java Full Stack Web Development**, Completed at Tap Academy, Bangalore.
- 2023 ■ **AWS Academy Cloud Foundations**, AWS Academy Graduate Certificate.
- **Cybersecurity Essentials**, Cisco Networking Academy.
- **Data Analytics with Python**, NPTEL (IIT Roorkee), Score: 54%.
- 2022 ■ **Microsoft Certified: Azure AI Fundamentals**, Microsoft Certification.

## References

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Available on Request