

# GAYATHRI JAMPANI

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**Career Objective:** A recent computer science graduate with a strong academic background and an interest in software development. I am excited to contribute my technical skills and creativity to a vibrant team at the business.

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## Education:

- Bachelor of Technology (B.Tech) degree in Computer Science and Engineering from JNTU Kakinada, graduated in 2024 with 77% aggregate.
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## Tech Stack:

<b>Programming Languages:</b>	Java, Python
<b>Front-End Technologies:</b>	Html, CSS, JavaScript, React
<b>Middleware Technologies:</b>	JDBC
<b>Server-Side Technologies:</b>	JSP, Spring Framework
<b>Back-End Technologies:</b>	MySQL, SQL Server
<b>Version &amp; Code Management:</b>	Git
<b>API &amp; Micro Services Technologies:</b>	Rest API
<b>Operating Systems:</b>	Windows, Linux

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## Internships:

### KODNEST - Full Stack Intern

APR 2023 - JUL 2023

- As a Java Full Stack Developer Intern at Kodenest, I worked on an e-commerce platform, designing and maintaining both front-end and back-end components, used technologies like Java, Spring Boot, HTML, CSS, and JavaScript.
  - Focused on creating responsive user interfaces and guaranteeing smooth functioning and performance. Worked with the team to connect APIs and optimize the platform for an improved user experience.
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## Certifications:

- Certified in **Digital Marketing** by Hubspot .
  - Certified in **MERN stack** as part of 6 days, 6 hours workshop by Semester Prep.
  - Certified in **Java Programming** in NPTEL under IIT Madras.
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## Academic Projects:

### Project Title: RACE Resource Aware Cost-Efficient Scheduler for Cloud Fog Environment.

**Abstract:** The RACE (Resource Aware Cost-Efficient) Scheduler is intended to optimize job scheduling in a cloud-fog environment. It reduces operational expenses by intelligently allocating resources while maintaining high performance and efficiency. The scheduler responds dynamically to workload fluctuations, providing maximum resource usage and cost savings.

**Tech Stack:** Java/J2EE (JSP, Servlet), MySQL.

**Description:** The RACE (Resource Aware Cost-Efficient) Scheduler improves work scheduling in cloud fog settings by intelligently allocating resources to keep costs down while retaining good performance. It responds dynamically to workload fluctuations, providing maximum resource usage and cost savings. This scheduler is best suited for real-time processing applications such as IoT systems and smart cities, where cost economy and speed are critical.

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