

# JALLIPALLI KOWSHIK

Eluru, Andhra Pradesh

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## TECHNICAL SKILLS

- **Core:** Data Structures, Algorithms, OOP, DBMS
- **Cloud Technologies:** AWS, Docker, Kubernetes
- **Programming:** C / C++, Java, Python, R
- **Front-End Tools:** HTML5, CSS3, JavaScript
- **Databases:** MySQL, NoSQL, MongoDB
- **System Skills:** Linux-Basic (Redhat, CentOS)
- **Developer Tools:** Git, GitHub, Jenkins
- **Design Tools:** Figma

## PROJECTS

### Habit Tracer [↗](#) | [HTML](#), [CSS](#), [JavaScript](#), [AWS Services](#)

Jul 2024

- Built and hosted a full-stack habit tracker, enabling **100+ users** to monitor routines efficiently.
- Designed a backend with **5 AWS services**, handling **100+** daily requests and **1,000+** records.
- Optimized real-time updates, increasing uptime by **70%** for a seamless experience..
- Awarded "**Best Presentation**" and "**Best Project**" out of 65 teams, recognizing technical innovation and excellence.

### Todo-List [↗](#) | [HTML](#), [CSS](#), [JavaScript](#)

Mar 2024

- Implemented a task manager for **50+** users, supporting **200+** tasks with prioritization and categorization features.
- Engineered and optimized core functionalities, such as adding, editing, and deleting tasks, **enhancing task management efficiency by 30% for active users.**
- implemented JavaScript **ES6+** for event handling and DOM manipulation, cutting load time by **20%**.
- Achieved **99.8%** uptime by deploying the application on Vercel, ensuring seamless user access.

## INTERNSHIP

### Technical Hub [↗](#)

Aug 2024 – Present

*Red Hat&Java Intern*

*Surampalem*

- **Red Hat Responsibilities:**
  - \* Guided juniors in mastering OS concepts, improving their technical proficiency.
  - \* Mentored juniors in **Red Hat System Administration** and certification prep.
- **Java Responsibilities:**
  - \* Rectified **Java-related technical issues**, enhancing the coding skills of junior team members.
  - \* Spearheaded junior developers through complex coding exercises, enhancing their analytical thinking and debugging expertise.

### Technical Hub [↗](#)

May 2024 – Jul 2024

*Trainee*

*Surampalem*

- Engineered and implemented **5+ serverless** functions using **Cloud9 IDE**, **AWS SDKs (Boto3)**, and other AWS services, delivering **2 scalable cloud-based projects.**
- Configured and streamlined **10+ API endpoints** via **API Gateway**, ensuring efficient integration and scaling to handle **1,000+ daily requests.**
- Gained expertise in **3 cloud technologies**, including AWS Lambda, DynamoDB, and Cloud9 IDE, enabling timely project delivery
- Coordinated with the team to resolve critical issues, ensuring smooth execution.

## COMPETENCY

- **LeetCode:** Completed 350+ problems, achieved monthly badges for 100 days, April kowshik0105
- **GeeksforGeeks:** Tackled 250+ problems, kowshik0105
- **Codechef:** Solved 200+ problems, kowshik0105
- **HackerRank:** Mastered 5 stars in C, C++, Python, Java kowshik01052005

## CERTIFICATIONS & ACHIEVEMENTS

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- **IT Specialist in HTML & CSS** Certiport Pearson
- **IT Specialist in Python** Certiport Pearson
- **Red Hat System Administration** Red Hat
- **IT Specialist in Java** Certiport Pearson
- **GitHub Administration** GitHub
- **First Prize - Red Hat India Challenge:** Recognized for excellence in Linux system administration, Executed expertise in Red Hat technologies.

## EXTRACURRICULAR

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- Student Activity Council** **2024-2025**
- Tech Club Member* *Surampalem*
- Organized and Directed hackathons with **100+** participants, improving event engagement and fostering innovation.
  - Increased student participation in tech-related events by 30% during the tenure as a core team member.

## EDUCATION

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- Aditya college of Engineering and technology** **2022-2026**
- Bachelor of Technology in Information Technology.* *CGPA: 8.15/10*
- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Computer Networks, Cloud Computing, Machine Learning.