

Tharun Raju

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## Software Engineer

Passionate and results-driven Software Engineer with over 3 years of professional experience in designing, developing, and deploying high-quality software solutions. Adept at working in fast-paced environments and collaborating with cross-functional teams to drive innovation and efficiency.

## Technical Skills

- **Programming Languages:** Java, Python, C++
- **Web Development:** Django, Flask, Spring Boot
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Version Control:** Git, GitHub, GitLab

- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Azure, Docker, Kubernetes
- **Development Methodologies:** Agile, Scrum, Test-Driven Development (TDD)
- **Tools & Platforms:** Jenkins, CI/CD, RESTful APIs, Microservices Architecture

## Professional Experience

### Software Engineer | Tech Solutions Pvt. Ltd. | Hyderabad, India

*June 2021 – Present*

- Designed and developed scalable backend services using **Spring Boot** and **Flask**, improving system performance by 30%.
- Implemented **RESTful APIs** and integrated them with front-end applications, enhancing user experience and functionality.
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Optimized database queries and schema, leading to a **25% reduction in response time** for data-heavy applications.

- Collaborated with **cross-functional teams** to develop innovative solutions, improving project delivery efficiency.
- Led the migration of legacy applications to **Dockerized microservices**, enhancing maintainability and scalability.

## Software Developer Intern | Innovative Tech Labs | Hyderabad, India

*Jan 2020 – May 2021*

- Developed a web-based **task automation platform** using **Django and PostgreSQL**, reducing manual effort by 40%.
- Assisted in the deployment of applications on **AWS EC2 and Lambda**, ensuring high availability and scalability.
- Conducted **code reviews** and provided feedback to improve code quality and maintainability.

# Education

**Bachelor of Technology (B.Tech) in Computer Science & Engineering**  
XYZ University, Hyderabad | Graduated: 2021

# Certifications

- **AWS Certified Developer – Associate**
- **Microsoft Certified: Azure Developer Associate**
- **Certified Kubernetes Administrator (CKA)**

# Projects & Contributions

- **Automated Resume Screening System** – Built an AI-powered resume filtering system using **NLP and machine learning**, reducing recruitment time by 50%.

- **Real-Time Chat Application** – Developed a scalable chat application using **WebSockets, Flask, and Redis**.
- **Task Management System** – Designed a task management web app using **React, Django, and PostgreSQL**, improving productivity for teams.

## Soft Skills

- Problem-Solving & Analytical Thinking
- Strong Communication & Team Collaboration
- Time Management & Multitasking

## Achievements & Recognitions

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Awarded **Best Software Engineer** at Tech Solutions Pvt. Ltd. for outstanding performance.

- Developed a **high-traffic API service** that handled over **10M+ requests/month**.
- Successfully led a **DevOps automation project**, reducing deployment errors by **60%**.

## Additional Information

- Open to relocation and remote opportunities.
- Actively contributing to open-source projects on GitHub.
- Passionate about continuous learning and staying updated with emerging technologies.