

# DEEPAK REDDY GATHPA

Orlando, Florida 32765

deepakreddygathpa@gmail.com; linkedin.com/in/deepakreddygathpa; deepakreddygathpa.info; +1 (689) 275 1000

## EDUCATION

- Master of Science in Computer Science (GPA: 3.6/4)** August 2025 – Present  
University of Central Florida, Orlando, FL 32816
- Bachelor of Technology in Computer Science and Engineering (GPA: 3.4/4)** September 2021 – May 2025  
Koneru Lakshmaiah Education Foundation, Vijayawada, Andhra Pradesh, India

## PROFESSIONAL WORK EXPERIENCE

- Graduate Assistant (.NET Developer)** January 2026 – Present  
University of Central Florida, Orlando, FL

- Developed and maintained internal web applications using ASP.NET Core MVC, React, and SQL Server to support institutional analytics and assessment.
- Designed and implemented APIs and data-driven features for survey analytics tools, improving data accessibility and reporting efficiency.
- Built modular frontend components and improved UI/UX for analytics dashboards, enhancing usability and performance.
- Conducted testing and debugging across multiple modules, ensuring reliability and consistency across deployments.

- Full Stack Engineer** December 2024 – April 2025  
Arete IT Services Private Limited, Vijayawada, India

- Developed and deployed scalable web applications using React, Node.js, Express, and MongoDB, improving system efficiency and user experience.
- Designed and integrated RESTful APIs, reducing data retrieval time by 25%.
- Collaborated with cross-functional teams to deliver features on tight deadlines, contributing to 3 successful client project launches.
- Implemented responsive UI components and optimized frontend performance, improving load times by 30%.

## ACADEMIC PROJECTS

- Student and Faculty Portal** February 2023 – November 2023  
*Project Lead and Full Stack Developer*

- Developed a full-stack management application for 3000+ students and faculty
- Enabled real-time tracking of participation, attendance, and reports
- Designed front-end/back-end architecture using React.js and Node
- Implemented scalable deployment with Docker and Kubernetes
- Ensured data security with MySQL
- Improved administrative efficiency by 40% and provided actionable engagement insights

## TECHNICAL SKILLS

- Cloud & DevOps:** AWS (Cloud); Docker, Kubernetes (Containers); Jenkins, GitLab CI, CircleCI (CI/CD); Git (VCS); Terraform, Ansible (IaC); Prometheus, Grafana (Monitoring); Nginx (Server)
- Programming Languages:** Python, Java, JavaScript, C and C++
- Web Frameworks:** React.js, Next.js, Spring Boot, ASP.NET, and PHP
- Databases:** MySQL, PostgreSQL, MongoDB, and Firebase
- Automation:** Python and Bash Scripting
- Operating Systems:** Linux and macOS
- Project Management:** Jira

## CERTIFICATIONS & LICENSES

- AWS Certified Solutions Architect - Associate (AWS) September 2024
- RedHat Certified Application Developer (RedHat) March 2024
- AWS Certified Cloud Practitioner (AWS) June 2023
- Relational Databases (RDBMS) (Coursera) October 2022
- GitHub Foundations (GitHub University) October 2022