

# Chethan C R

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## PROFESSIONAL SUMMARY

Experienced professional with 3+ years in Linux Administration and Software Development. Proven track record in optimizing server performance, implementing upgrades, and automating processes. Proficient in C, Java, Linux, JavaScript, and Shell Script. Skilled in project management, achieving high server uptime, and minimizing vulnerabilities. Seeking opportunities to apply technical skills and contribute to the success of innovative organizations.

## SKILLS

C	Java	Linux Server Administration	Shell Script
VMware	JavaScript	HTML	CSS
Git	Cloud Computing	AWS	MySQL
Ansible	OMNeT++	TCP/IP	Data Structures and Algorithms

## EXPERIENCE

- Innodata Private Limited** Remote  
*Freelancer* Aug 2023 - present
  - Utilized the Inspec scientific and technical literature database for comprehensive indexing, ensuring accurate and efficient access to relevant information.
  - Spearheaded the implementation of data management enhancements, including rigorous validation and cleansing of dataset entries, optimization of search algorithms, and integration of data quality checks; resulting in an impressive 20% decrease in errors over time.
- DXC Technology** Bangalore, IN  
*Linux System Administrator* Jun 2020 - Aug 2023
  - Achieved 99.9% server uptime, optimizing RedHat Linux production servers for uninterrupted availability and peak performance
  - Led critical system upgrades and patches, reducing system downtime by 30%, enhancing stability, and ensuring continuous business operations.
  - Improved system robustness through security audits, addressing vulnerabilities, resulting in a 25% decrease in weaknesses.
  - Automated processes, reducing manual intervention by 30%, minimizing errors, and enhancing operational efficiency.
  - Managed domain operations using Infoblox, creating DNS records and maintaining domains effectively for seamless project domain management.
- Orgolite Agro Pvt Ltd.,** Bangalore, IN  
*Student Intern* Jan 2020 - Mar 2020
  - Designed a cutting-edge website for eliminating intermediaries in farmers markets. The platform facilitated over 500 direct transactions between farmers and consumers using JavaScript, HTML, and CSS.
  - Created a secure system for direct fund transfers, contributing to the financial empowerment of 50 farmers. Consumers were able to transfer funds directly to farmers' accounts, promoting a more direct and equitable financial ecosystem.

## EDUCATION

- Vidyavardhaka College of Engineering** Mysore, IN  
*Bachelor of Engineering in Computer Science* Jun 2016 - Aug 2020

## CERTIFICATIONS

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- AWS Certified Solutions Architect - Associate, Amazon Web Services (AWS) — Apr 2023
- Microsoft Certified: Azure Fundamentals, Microsoft — Jan 2023
- Red Hat Certified System Administrator, Red Hat — Feb 2021
- Google Cloud Fundamentals: Core Infrastructure, Coursera — Jul 2019
- Automation with Ansible Playbooks, Udemy — Dec 2022
- Learning Spring with Spring Boot, LinkedIn — Jul 2023

## ACADEMIC PROJECTS

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- **Human Resource Information System (Nov 2018):**
  - Developed a comprehensive Human Resource Management System (HRMS) web project using JavaScript, MySQL, HTML, and CSS.
  - Automated key HR processes, resulting in a 20% increase in efficiency for payroll, attendance management, leave management, employee information, and access control.
- **Bike Sharing System (Sep 2019):**
  - Configured and developed a computerized management system for a bike renting store using Java, JSP, HTML, CSS, and JDBC API.
  - Implemented a user-friendly interface, facilitating efficient bike rentals with payment based on usage time.
- **Diagnosis of Parkinson's Disorder Using Machine Learning (Apr 2020):**
  - Led the development of a machine learning project for early-stage Parkinson's Disorder diagnosis.
  - Applied Genetic Algorithm and KNN Classification to analyze patient speech data, achieving a diagnostic accuracy rate of 95%, contributing to early intervention and improved patient outcomes.

## ACTIVITIES AND AWARDS

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- **DXC Champ Award (Q3 FY23):**
  - Recognized for outstanding performance and significant contributions to achieving organizational goals in Q3 FY23.
- **Resource Person, Faculty Development Program (June 2019):**
  - Invited as a subject matter expert to deliver a lecture on the OMNeT++ Simulation Tool.
  - Contributed expertise to a five-day program on "Cyber Security, Network Simulators, and Research Challenges in Networking." Received positive feedback, with a 90% satisfaction rate from participants.
- **Appreciation from Cosmopolitan Club Mysore:**
  - Received appreciation from the Cosmopolitan Club Mysore for designing and implementing a secure web-based voting system.

## PUBLICATIONS

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- An Analysis of Line of Sight (LOS) in Mobile Ad-hoc Networks by varying Impairments. ([Link](#))
- Performance Evaluation of Line of Sight (LOS) in Mobile Ad-hoc Networks. ([Link](#))
- Diagnosis of Parkinson's disorder through speech data using machine learning algorithms. ([Link](#))