

# Vamsi Krishna Mutnuri

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## Experience

### Tata Consultancy Services

Feb 2022 – present

*Assistant Systems Engineer*

*Hyderabad, TG*

- **Database Management:** Managed and optimized Oracle 9i databases, ensuring system reliability and minimizing downtime. Supported PF, BR, and AR requests to meet critical business needs.
- **Linux and Networking:** Used Putty for managing Linux-based server tasks and troubleshooting network issues (SSL, TCP/IP), contributing to stable application performance.
- **Advanced Troubleshooting:** Applied advanced troubleshooting techniques to resolve complex issues in telecom-based applications, focusing on database (Oracle) and web application performance. Improved system efficiency by 20.
- **Cloud Support and Migration:** Contributed to the migration of Oracle CRM to a React-based application, facilitating a seamless transition to cloud-based infrastructure.
- **Customer Support:** Delivered tailored technical support to internal teams, ensuring quick resolution of bugs and other issues, minimizing disruption to business operations.
- **Agile Collaboration:** Participated in daily Agile stand-ups and retrospectives, working closely with cross-functional teams to streamline workflows and reduce deployment times by 30.
- **Key Technology Stack:** Core Java, PL/SQL, Oracle CRM, React, SQL, Oracle 9i, Putty, Toad Oracle.

### Intellicrats Infosolutions Pvt Ltd

Oct 2021 – Jan 2022

*Graduate Engineer Trainee*

*Hyderabad, TG*

- Played a key role in preparing solution documents for projects, ensuring all relevant information was accurately captured and stored in a structured format using Excel.
- Contributed to documenting and organizing project data, facilitating easy access and retrieval for team members to support project delivery and decision-making.

## Technical Skills

Programming Language	: Core Java, React, JavaScript
Database	: Oracle 9i, PL/SQL, SQL, MongoDB(basics)
Linux	: File Systems, Shell Scripting, Networking (TCP/IP, DNS, SSL)
Cloud Technologies	: AWS (Fundamentals), Cloud Migration, Putty, Server Management
Tools	: Toad Oracle, Agile (Kanban, JIRA), Git, Putty
Networking	: TCP/IP, DNS, Load Balancing, SSL, DHCP

## Personal Projects

### Automated Server Management and Security | *Linux*

- Configured and automated a Linux-based web server (Apache/Nginx) with shell scripts for system updates, log rotation, and disk management.
- Implemented security best practices, including SSH key authentication, firewall setup (UFW), and automated server monitoring with Nagios.
- Developed troubleshooting scripts to monitor disk usage, memory, CPU load, and ensure server up-time.

### School Management System | *Java*

- Developed a School Management System using Object-Oriented Programming principles in Java, managing entities like teachers and students, including functionalities for handling fees and salary payments.
- Implemented core OOP concepts, static methods to simulate real-world school operations,like updating school finances.

### Todo list | *React*

- Developed a to-do list application, enabling users to efficiently add, delete, edit tasks while maintaining an intuitive UI.
- Implemented state management and local storage functionality, ensuring seamless data persistence.

## Achievements

AWS Developer Associate (Certified, Sep 2024)  
Java Programming & System Design (Udemy)  
Participated in the AWS Elevate Days session conducted by TCS, an AWS partner  
Networking Essentials (Udemy)

## Education

### PSCMR College of Engineering & Technology

2017 – 2021

*Bachelor of Technology, CE*