MAMIDALA RAMU

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Experience

Software Engineering Analyst | Angular, Spring Boot, PostgreSQL   *Oct 2023 - Present*

- Contributed to the development and maintenance of a comprehensive web portal using Angular, Spring Boot Java, and microservices architecture.
- Enabled seamless server management, application deployments, message flows ,database configuration, and certificate management via the web portal interface.
- Implemented a dashboard feature to display server status and compliance, providing users with an overview of ACE/IIB node performance on the server.
- Automated deployment processes and version upgrades using Jenkins and Bash scripting, reducing manual effort and minimizing errors.
- Collaborated with cross-functional teams to ensure smooth deployments and upgrades, improving overall system reliability and efficiency.

Associate Software Engineer | IBM IIB/ACE, Linux, Admin   *Oct 2021 - Oct 2023*

- Deployed and managed IBM IIB/ACE nodes on Linux servers, optimizing performance, runtime issues and reliability.
- Automated deployments and distributions of packages using scripts, improving efficiency and reducing deployment time by 30%.
- Conducted version upgrades and certificate management, ensuring system security and compliance.
- Successfully completed version upgrades, node creations, configurations and certificate management tasks with zero system disruptions.
- Recognized for contributions to team projects aimed at enhancing system efficiency and reliability.

PROJECTS

Image Compression Utility Bot for Telegram | Python, Flask, PythonAnywhere

Developed a Telegram bot using Python and Flask, deployed on PythonAnywhere. The bot assists users in reducing image quality and compressing images based on user input, and Flask as backend. The bot provides the functionality for users to customize compression levels, enhancing image optimization and reducing file sizes efficiently.

Personal Dashboard | Angular, TypeScript, Vercel | link - dashboard

Developed a personalized dashboard web application using Angular and TypeScript, deployed on Vercel platform. The application features a dynamic homepage displaying real-time clock and wallpaper refresh functionality. Additionally, it includes modules for notes, bookmarks, and to-do lists, providing users with a customizable and efficient productivity tool.

EDUCATION

Bachelor of Technology in Aeronautical Engineering   Aug 2017 - Jul 2021

MLR Institute of Technology, Dundigal, Hyderabad

Certifications & MOOCs

- *Digital Manufacturing and Design on Coursera*   *May 2020*
- *Programming in python and introduction to data structures on Coursera*   *May 2020*

TECHNICAL SKILLS

Java, Python, HTML, CSS, JavaScript, PostgreSql, Spring Boot, MySQL, Bash Scripting
Jenkins, GitHub, Bitbucket, JIRA

Links

https://mamidalaramu.github.io/, https://mamidalaramu.itch.io/survive