Rohit Laxmanna Chindam

Software Engineer

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Profile

Well-rounded Software Engineer with experience across development, automation, debugging, and cloud environments. Strong programming skills in Java and Python, combined with a solid understanding of distributed systems and modern engineering workflows. Capable of contributing across diverse technical areas including backend engineering, QA/automation, cloud services, and AI-enhanced tooling, with a focus on building reliable and scalable solutions.

Skills

Programming Languages: Java, Python, C

Cloud Platforms & Infra: AWS (EC2, VPC, RDS, S3, IAM, Lambda, CloudWatch), Linux, Windows, Vagrant, Oracle VM VirtualBox

DevOps & CI/CD: Git, Jenkins, PVCS, CI/CD Fundamentals

Testing & Automation: Manual Testing, API Testing (Postman), UiPath (functional & regression automation), Shell Scripting

Database: SQL, MongoDb

Development Practices & Methodologies: Agile (Scrum, Sprint Planning, Stand-ups), SDLC, STLC

Backend & Web Development:: Java Spring Boot, Hibernate, Node.js, Express.js, HTML, CSS

Tools: Jira, VS Code, Eclipse, Sublime Text, Notepad++, MobaXterm, PuTTY

Certifications

IoT Fundamentals: Connecting Things	**Introduction to IoT** ↗	**Internet of Things** ↗
Cisco Networking Academy	Cisco Networking Academy	Internshala

Professional Experience

Quanta Manufacturing Nashville   11/2025 – Present | Nashville, TN
Test Engineer I
- Perform L10/L11 validation of NVIDIA GB300 racks, trays, and compute nodes, ensuring hardware, firmware, and BMC components meet manufacturing quality standards.
- Test OBMC interfaces, host-to-BMC connectivity, PXE boot flows, and network provisioning across trays, switches, and ZPE management devices.
- Validate NVSwitch, PCIe lanes, power sequencing, fan controls, and system bring-up procedures for high-density AI compute systems.
- Run diagnostics, collect logs, and conduct root-cause analysis using Linux commands, serial console access, and OBMC client tools.
- Coordinate with hardware, firmware, and integration teams to analyze failures, verify fixes, and support continuous production builds.
- Execute test plans for BIOS, BMC firmware updates, and node-level validation, ensuring stable boot behavior and consistent host communication.
- Maintain detailed documentation of test procedures, defect reports, and rack-level validation results in Jira and internal systems.
- Support process improvements by identifying recurring issues and suggesting enhancements to test workflows and automation scripts.

DataStack Technologies LLC
-- SQA Engineer/ IoT Engineer: 06/2025 - 11/2025 | Nashville, TN
- Subcontracted via LRB Group and deployed to **Shark Ninja LLC** for project delivery.
- Collaborated with cross-functional teams in an Agile environment to validate mobile and backend features for smart home appliances.
- Performed functional, regression, and exploratory testing across Android and iOS platforms, reporting and tracking defects using Jira.
- Conducted end-to-end testing of mobile apps by connecting them with various SharkNinja IoT devices.
- Supported automation efforts by validating test flows and assisting QA engineers using tools such as Appium and GitHub.
- Verified complex backend data flows and collaborated closely with developers to ensure data consistency and accuracy.
- Participated in sprint planning, estimation, and user story reviews, contributing to overall test strategies and quality assurance.
--Software Developer (Training + Project Work)**:**   01/2025-06/2025 | Remote, Cleveland, OH
- Gained hands-on experience working with the internal engineering team on backend development, automation, and cloud deployment.
- Utilized Maven for dependency management and Jenkins for CI/CD pipeline automation.
- Deployed applications on AWS (EC2, RDS, S3) and monitored system performance using CloudWatch.
- Used UiPath to automate regression and functional test scenarios, improving QA coverage and reducing manual effort.
- Managed sprint tasks, bug tracking, and work assignments using Azure DevOps Boards in an Agile environment.
- Actively participated in sprint ceremonies, code reviews, and performance optimization discussions.

CodersData LLC   07/2024 – 01/2025 | Remote, Cleveland, OH
Software Engineer Intern
- Gained exposure to automation and backend development by working alongside senior engineers to understand project requirements, workflows, and development best practices.
- Received hands-on introduction to AWS, including EC2, S3, and IAM, while assisting with environment setup for dev and testing.
- Supported simple backend tasks in Java such as experimenting with REST APIs, integration flows, and exception handling concepts.
- Became familiar with Jenkins CI/CD pipelines, Azure Boards, and Agile processes through team collaboration and guided learning.
- Documented procedures, automation steps, and troubleshooting notes as part of building internal knowledge resources.

Cleveland State University   08/2023 − 05/2024 | Cleveland, OH
Graduate Teaching Assistant
CIS 606: Analysis of Algorithms | CIS 620: Advanced Operating Systems
- Assisted in delivering lectures and grading assignments for courses in algorithms and operating systems, supporting over 50+ students in understanding core computer science concepts.
- Conducted lab sessions for *Advanced Operating Systems*, guiding students through kernel-level programming, process management, and system optimization exercises.
- Developed and utilized Shell scripts to automate the evaluation of coding assignments, improving grading efficiency and consistency.
- Provided one-on-one academic support during office hours, helping students debug programs, analyze algorithmic complexity, and strengthen problem-solving skills.

Tata Consultancy Services Limited ⧉   10/2020 − 10/2021 | Mumbai, India
Software Engineer
- Oversaw version control using Git and PVCS, streamlining development processes and enabling efficient team collaboration.
- Identified and addressed testing bugs to bolster project reliability and performance, leveraging Java, Spring Boot, and Hibernate for backend development and troubleshooting.
- Deployed applications across multiple testing and production environments utilizing proprietary tools, Java, and Python scripts while leveraging AWS for cloud deployment and resource management.
- Executed SQL scripts on production servers to ensure seamless database operations, enhancing data integrity and system stability.
- Developed and maintained Shell scripts for automating repetitive tasks, log monitoring, and system checks, improving efficiency in the deployment process.
- Developed internal utilities using Java, Spring Boot, and Python, improving workflow efficiency and reducing manual processes.
- Collaborated with clients to ensure alignment with project requirements, gathering valuable feedback to drive continuous improvement and enhance user satisfaction.

Cosups Pvt Ltd. (Event Tech Platform)   02/2020 − 05/2021 | Hyderabad, India
Co-Founder & Technical Product Lead
- Directed the development of an event management platform using Node.js for the backend and MongoDB for database storage.
- Led the implementation of IoT-based 360-degree photo booths integrated with Raspberry Pi, automating image storage on cloud platforms via Twilio APIs.
- Supervised a team of 10 members, ensuring timely delivery of projects and maintaining high-quality standards.

Education

Master's in Computer Science   08/2022 − 05/2024 | Cleveland, United States
Cleveland State University
Score: 3.87/4 CGPA

Bachelor's in Technology (Computer Science and Engineering)   07/2016 − 09/2020 | Hyderabad, India
Gokaraju Rangaraju Institute of Engineering and Technology
Score: 9.33/10 CGPA

Academic Projects

Contact management (android application)   11/2023 − 12/2023
- Built an Android application with an SQLite database for secure contact storage and retrieval.
- Implemented CRUD operations and optimized query performance to ensure seamless data management.

GoLang Server Mapper   09/2023 − 10/2023
- Developed a server mapper in GoLang to associate server names with IP addresses, enabling efficient UDP-based communication.
- Designed a C-based TCP server-client system for real-time data exchange and integrated it with the mapper for dynamic IP resolution.

E-commerce website   01/2023 − 05/2023
- Developed a fully functional e-commerce platform using Node.js, Express.js, and MongoDB.
- Designed dynamic user interfaces with EJS and implemented secure payment processing features.

Web-Based Home Automation   2019 − 2020
- Created a web portal to control home appliances using the Bolt Wi-Fi module.
- Implemented a Node.js backend with MongoDB for managing device states and user preferences.

Leadership & Training Experience

Advanced Academic Center ⧉   2018 − 2020 | Hyderabad
Student Trainer
- Conducted web development workshops (HTML, CSS, Node.js).
- Mentored students on academic projects and deployment via GoDaddy.