Rohit Chindam *Software Engineer*

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Profile

Detail-oriented and versatile Software Development Engineer in Test (SDET) with experience in both manual and automated testing of web, API, and mobile applications. Skilled in Java, Python, and UiPath for automation scripting, with hands-on knowledge of CI/CD pipelines, AWS infrastructure, and Agile delivery. Proven ability to design, execute, and maintain test cases across environments, contributing to quality assurance strategies and continuous improvement. Passionate about building robust, scalable test solutions that support reliable software delivery.

Skills

Programming Languages: Java, Python, C

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

Cloud Platforms: AWS (EC2, VPC, RDS, S3, IAM, Lambda, CloudWatch)

DevOps & CI/CD: Jenkins, Git, PVCS, Azure DevOps Boards

Testing & Automation: Postman (API testing), Shell scripting, UiPath (automated functional/regression testing)

Database Management: SQL, MongoDb

Development Practices & Methodologies: Agile Methodologies (Scrum, Sprint Planning, Stand-ups), CI/CD

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

Operating Systems & Virtualization: Ubuntu, Centos, Windows, Vagrant, Oracle VM VirtualBox

Certifications

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

Professional Experience

Software Quality Assurance Engineer/ IOT Test Engineer (Contract) Jun 2025 – Present | Nashville, Tennessee
Shark Ninja
- Performed end-to-end testing of mobile applications on both Android and iOS platforms by connecting them to various Shark Ninja IoT devices, including smart vacuums and kitchen appliances.
- Collaborated with cross-functional teams in an Agile environment to validate mobile and backend features for smart home appliances.
- Conducted manual functional, regression, and exploratory testing across Android and iOS platforms, reporting and tracking bugs using Jira.
- Supported automation efforts by validating test flows and working with QA engineers utilizing tools like Appium and GitHub.
- Verified complex backend data flows and worked closely with developers and product owners to ensure data consistency and accuracy.
- Participated in sprint planning, estimation, and user story reviews, contributing to end-to-end testing strategies.

Software Developer/ Automation Engineer Jan 2025 – Jun 2025 | Remote, United States
DataStack Technologies LLC
- Utilized Maven for dependency management and Jenkins for CI/CD automation.
- Deployed applications on AWS (EC2, RDS, S3) and monitored performance using CloudWatch.
- Used UiPath to automate regression and functional testing, enhancing QA coverage.
- Managed sprint tasks and bug tracking using Azure DevOps Boards in an Agile environment.
- Actively participated in sprint ceremonies, code reviews, and performance optimization initiatives

Software Engineer Intern Jul 2024 – Jan 2025 | Remote, United States
CodersData LLC
- Collaborated with senior automation analysts and developers to assess automation needs and define use cases based on business and technical requirements.
- Designed and developed UiPath automation workflows to streamline data validations, simulate user interactions, and automate repetitive backend operations.
- Supported backend development using Java, building and testing REST APIs, integrating services, and handling exception flows.
- Deployed and managed AWS services including EC2 instances, S3 buckets, and IAM policies to support development and test environments.
- Participated in the development of reusable components for automation scripting and cloud resource provisioning.
- Maintained Jenkins CI/CD pipelines, optimizing build jobs, test stages, and deployment workflows.
- Authored detailed documentation for automation procedures, deployment steps, and support troubleshooting guides.
- Contributed to Agile sprint ceremonies and helped prioritize tasks in coordination with developers and QA leads.
- Utilized Azure DevOps Boards to manage tasks, report progress, and maintain traceability for automation test cases.

Graduate Teaching Assistant Aug 2023 – May 2024 | Cleveland, United States
Cleveland State University
- Assisted in delivering lectures and grading assignments for "CIS 606: Analysis of Algorithms" and "CIS 620: Advanced Operating Systems."
- Delivered lab sessions for "CIS 620: Advanced Operating Systems," emphasizing kernel-level programming and system optimization.
- Developed and used Shell scripts to automate the evaluation of coding assignments, ensuring quick and efficient assessment of student submissions.

Software Engineer Oct 2020 – Oct 2021 | Mumbai, India
Tata Consultancy Services Limited ↗
- 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.

Co-Founder & Technical Product Lead   Feb 2020 – May 2021 | Hyderabad, India
Cosups Pvt Ltd. (Event Tech Platform)
- 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   Aug 2022 – May 2024 | Cleveland, United States
Cleveland State University
Score: 3.87/4 CGPA

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

Academic Projects

Contact management (android application)   Nov 2023 – Dec 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   Sep 2023 – Oct 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   Jan 2023 – May 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.