NAGA SRIHARSHINI CHADALAPAKA

ELECTRICAL ENGINEER • GOTHENBURG, SWEDEN • 0764115943

DETAILS

Blåsvädersgatan 24
Gothenburg
Sweden
0764115943
sriharshini.chadalapaka14@gmail.com

LINKS

GitHub

LinkedIn

Portfolio

SKILLS

Microsoft Office

Agile

HTML/CSS

API

CAN

C++

Internet Of Things

CI/CD

Linux

Python

Qt Creator

Deep Learning

LTE

Raspberry Pi

5G

Volte

MATLAB

ROS

Github

NLP

Software-in-Loop

GUI

PROFILE

Dynamic Test Automation Engineer with over two years of experience in developing innovative hardware and software solutions, enhancing vehicle connectivity through cutting-edge technologies. Expertise in Python, C++, and API automation, complemented by a solid foundation in analytical problem-solving and meticulous planning. Proven ability to deliver high-quality results under pressure while contributing to cross-functional teams. Committed to advancing industry standards through continuous learning and application of agile methodologies in fast-paced environments.

EMPLOYMENT HISTORY

Test Automation Engineer at NgC GmbH / 1tnC – Volkswagen, Magdeburg
April 2023 — September 2024

- Develop automated test frameworks for software validation and quality assurance.
- Collaborate with cross-functional teams to enhance vehicle connectivity solutions.
- Implement continuous integration and deployment (CI/CD) processes for efficient software delivery.
- Conduct performance testing and analysis using Python and C++ for optimized outcomes.
- Drive innovation in test automation strategies, ensuring adherence to industry standards.

Master's Thesis at Otto Von Guericke University, Magdeburg
November 2024 — April 2025

- Conduct research on advanced topics in electrical engineering and information technology.
- Develop innovative solutions to enhance vehicle connectivity and automation.
- Collaborate with cross-functional teams to integrate hardware and software components.
- Analyze data to support project objectives and improve system performance.
- Present findings and recommendations to stakeholders for informed decision-making.

Assistant System Engineer at Tata Consultancy Services, Hyderabad
January 2021 — September 2021

- Developed and maintained automated test scripts to improve software quality and efficiency.
- Collaborated with cross-functional teams to identify and troubleshoot system issues.
- Designed and executed test plans for various software applications and hardware integrations.
- Utilized Agile methodologies to enhance project workflows and delivery timelines.
- Analyzed performance metrics to optimize system functionality and user experience.

PLC Programming

Simulink

Hardware-in-Loop

Postman

SQL

AAS

○ LANGUAGES ○

Telugu-Native

Hindi-Proficient

German-Intermediate

English-Proficient

Swedish

○ HOBBIES ○

Baking, Crafting, Drawing,
Travelling, Listening to Music,
Gardening

EDUCATION

Master of Science in Electrical Engineering and Information Technology, Otto Von Guericke University, Magdeburg
October 2021 — April 2025

Bachelor of Engineering in Electrical and Electronics Engineering, Lakireddy Bali Reddy College of Engineering
July 2016 — September 2020

Diploma in Applied Robotic Control, European Center for Mechatronics, Vijayawada
September 2019 — September 2020

INTERNSHIPS

Conversational Al-Based Escape Room Chatbot Game Development at Otto Von Guericke University , Magdeburg, Germany

Al-based anonymization of personal patient data   at Otto Von Guericke University , Magdeburg

Automated Speed Braking System Depending on Vehicle Over Speed using Digital Controller at European Center for Mechatronics, Vijayawada

Student Internship at Rashtriya Ispat Nigam Ltd, Visakhapatnam

Solar Multiple Drives at Lakireddy Bali reddy college of engineering, Vijayawada

COURSES

Test Automation, HIL Fundamentals , HIL Academy

Python Certification , Data Camp

System Engineering V Model ISO26262 ASPICE and Motors, Udemy

Advanced Driver Assistance Systems (ADAS), Udemy

Modern CI/CD with GitLab: Productivity and Workflow Boost, Udemy

Python for Everybody, Coursera

Foundations of Software Testing and Validation , FutureLearn

Power BI - Data Analytics Essentials with Power BI, Udemy

Machine Learning A-Z: AI, Python & R + ChatGPT Prize, Udemy