

ALLURKAR SHRUTHI

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OBJECTIVE

To leverage my skills in test automation and contribute as an Automation Test Engineer in the automotive industry, ensuring the quality and reliability of embedded systems while continually enhancing my expertise in the field of quality assurance.

TECHNICAL SKILLS

- **Testing Tools:** Vector Cast
 - **Programming Languages:** C
 - **Automation:** Unit and Integration Test Automation
 - **Version Control:** Git
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EXPERIENCE

Associate Software Engineer – People Tech Group

Jan 2023 – Present

- Specialize in unit and integration test automation using **Vector Cast** for C-based applications.
 - Develop, execute, and maintain automated test suites to ensure high code coverage and early defect detection.
 - Collaborate with the development team to identify and address issues during the development lifecycle.
 - enhance test efficiency under tight deadlines.
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EDUCATION

Bachelor of Engineering in Electronics and Instrumentation

VNR Vignana Jyothi Institute of Engineering and Technology, 2020

CGPA: 7.15

VOLUNTEER EXPERIENCE / LEADERSHIP

Airbag Control Unit (ACU) – Verification & Validation

- Verified and validated the functionality of the **Airbag Control Unit (ACU)**, ensuring it deploys airbags accurately during collisions to minimize injury risks.
- Utilized **C programming** and **Vector Cast** to validate the ACU software's reliability and performance under various test scenarios.

ADDITIONAL INFORMATION

- Strong problem-solving skills with an ability to quickly learn and adapt to new tools and technologies.
- Excellent collaboration and communication skills, working effectively with cross-functional teams to ensure high-quality releases.