

CONTACT

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ABOUT

Software Developer with strong **Python** skills and a solid foundation in **OOP**, **clean architecture**, and **scalable system** design.

Experienced in developing tools and automation workflows across **complex environments**.

Creative **problem-solver** with a passion for writing **clean, maintainable code**.

Team player who thrives in collaborative, fast-paced settings.

PROFESSIONAL EXPERIENCE

Automation Developer | 2023–Present

REE Automotive

- Developed modular **Python** automation scripts to validate CAN bus protocols, following **OOP** and **SOLID** principles for **maintainability** and **scalability**.
- Utilized **python-can**, **PyTest**, and **DBC parsing** to detect anomalies and ensure signal timing accuracy.
- Built structured reports using **HTML** templates and **CI/CD** automation **pipelines** in **Bitbucket**.

Automation Developer | 2021–2023

Intel Corporation

- Designed **end-to-end** test automation frameworks using **object-oriented Python** and **Robot Framework**.
- Developed **CI/CD pipelines** with **GitHub Actions** and **TeamCity** for Thunderbolt software integration.
- Automated **REST API** validations and **hardware-software interface** testing across multiple Intel platforms.
- Emphasized **clean code** practices, **reusability**, and **peer code reviews**.

EDUCATION

SCE – Shamoon College of Engineering | 2017–2021

B.Sc. in Software Engineering

- Honors Program: AI and Data Analysis Excellence Track.

TECHNICAL PROFICIENCIES

- Python
- PyTest
- Pandas
- NumPy
- Robot Framework
- C++
- Java
- Cursor AI

- Google Colab
- Git & GitHub
- GitHub Copilot
- TeamCity
- REST API
- OOP
- SOLID
- Agile