

Curriculum Vitae

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About Me

Highly motivated and results-oriented DevOps / Full-stack developer with extensive experience in automation, CI/CD, and cloud technologies. Proven track record of developing and maintaining complex automation frameworks, managing large-scale infrastructure, and leading teams to deliver high-quality software products. Adept at collaborating with cross-functional teams to achieve project goals and enhance operational efficiency.

Objective

DevOps / Full-stack developer / Automation Developer

Work Experience

Automation Engineer at Questar Auto Technologies (Tools Department) (Jun 2022 - Present)

- Develop and maintain an automation framework using Python that extends pytest capabilities.
- Develop and maintain TcpClient and Server using Python and FastAPI for OTA (Communication Over The Air).
- Create and maintain a flash tool using Python that utilizes STM23 (st-link) to flash units.
- Develop a flash system using a serial connection to Unit (DUT).
- Manage EC2 instances (VMs) in AWS.
- Create and maintain Docker images containing the automation framework (Publish/Deploy).

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- Work with Report Portal.

DevOps Developer / Team Leader at Intel Corporation (CCD Department) (April 2018 - Jun 2022)

- Develop automated web tools for product release (Thunderbolt Driver).
- Create and maintain Jenkins CI/CD jobs and Azure test suites.
- Develop multiplatform VMs (Docker) for CI/CD and web servers for our web tools on Windows and Linux systems.
- Implement automated flow for the full release of new drivers for clients.
- Create monitoring systems to log all activities on DevOps agents/nodes using Python/PHP/JavaScript.
- Develop the web application 'Image Release Manager' for developers and release managers.
- Create Python scripts for web application monitoring and syncing physical storage with SQL Database.
- Manage all GitLab/GitHub repos for all sub-teams (FWs and SWs teams).
- Install and maintain physical/VMs machines (Windows and Linux) using Azure/AWS.
- Support sub-teams (FWs, SWs) as needed (source code, git, CI/CD release).
- Create Chef cookbooks using Ruby for new VMs.
- Use Docker to create/deploy images on new VMs.

Automation/ Regression Developer at Intel Corporation (ANDY Department) (July 2015 - April 2018)

- Develop and maintain regression tests using C++ for Ethernet cards products.
- Conduct power-on testing for new A0 Ethernet cards products.
- Develop tools using Python/Bash to automate regression run and log analysis.

Computer / LAN Technician (March 2007 - September 2011)

- Set up and maintain computers.
- Set up and maintain LAN connections.

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Education

ORT Braude College: Software Practical Engineer (2012 - 2014)

Programming Languages

Python, FastAPI (Python Backend), VueJS, Flutter, JavaScript, HTML, Groovy, PHP, CSS, Java, NodeJS, React, Flask, C#, C++, SQL, Batch scripting (Windows), Bash scripting (Linux), PowerShell, Ruby

Additional Skills

Git, Docker, AWS, Azure, WSL, Chef

Languages

Arabic: Native

English: Fluent

Hebrew: Fluent