

# Christopher Guzowski - AI Engineer | Full Stack Developer

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[My Website](#) | [GitHub](#) | [LinkedIn](#)

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## Technical Work Experience

### Freelance AI Engineer | Personal Projects

Aug. 2023 – Present

- Designed and deployed AI Agents for travel, an itinerary maker and companion (n8n, OpenAI API and LangChain).
- Built and self hosted a full-stack personal website on a Raspberry Pi with Docker, secured via Cloudflare (Angular, Spring Boot, and MySQL).
- Developed a drone portfolio website leveraging AWS to showcase aerial media with cloud scalability.
- Engineered a trading bot with web scraping, portfolio management, and paper trading (Ubuntu and Django)
- Created IoT and automation projects with Raspberry Pi, Linux and Python, including smart home integrations.
- Strengthened expertise in Linux administration, networking, dual-boot/VM setups, and bash scripting.

### Tata Consultancy Services ( TCS Client: Bullhorn ) | Full Stack Developer

Mar. 2021 – Aug. 2023

- Delivered enterprise-scale web apps with a focus on performance and scalability (Angular, Node.js, Java, SQL).
- Collaborated in Agile teams across stand-ups, grooming, and sprint planning, translating business needs into technical deliverables.
- Participated in Agile ceremonies (stand-ups, grooming, planning) and collaborated via Teams, Jira and Github.
- Boosted product reliability with 91% coverage, improving reliability with test automation (JUnit and Jasmine).
- Implemented role-based access control with OAuth and JWT, improving authorization and authentication.
- Contributed migration efforts of legacy apps to a microservices architecture for system modularity and scalability.
- Authored technical documentation to support onboarding, knowledge transfer and maintainability.

### Hercules Heat Treating Corp. | Quality Assurance Specialist ( Interim )

Feb, 2020 – March, 2021

- Queried databases, analyzed data in Excel, and presented during audit, successfully passing with 0 findings.
- Automated workflows with batch scripts, improving system efficiency and reducing turnaround time by 36%.
- Modernized operations by digitizing furnaces and supporting IT infrastructure, improving efficiency.

### Nanov Display Inc. | Tech Support ( Intern )

June, 2019 – Nov. 2019

- Revamped website architecture, reducing load time by 32% and leading to a 14% increase in user engagement.
- Traveled to client locations and expos to set up Nanov products, managing assembly, installation and deployment.
- Engineered Innovative marketing solutions. resulting in a 22% increase in new customers.

## Education (NYC College of Technology)

### B. Tech in Computer Systems, Magna Cum Laude ( GPA: 3.6 )

Jan. 2020

- Emerging Scholars Program ( Jan., 2019 – May, 2019 )

### Associate in Applied Science in Computer Information Systems, Honors ( GPA: 3.4 )

June 2018

## Technical Skills

**Languages:** Python, Java, TypeScript, JavaScript, SQL, PostgreSQL

**Frameworks:** LangChain, Angular, Django, FastAPI, Spring Boot, Node.js

**Tools:** REST APIs, Docker, CloudFlare, JSON, XML GitHub, Jira, Trello, Npm, Bash

**Platforms:** Windows, Linux (Ubuntu/Raspberry Pi OS), Microsoft Teams, AWS, Pinecone

**Testing:** JUnit, Jasmine

## Certifications

- RAG and Agentic AI Professional - IBM (In Progress, Expected October)
- Product Management Fundamentals - University System of Maryland June 2025
- FAA Part 107 Commercial Drone Pilot - Federal Aviation Administration May 2023
- Programming Using Java - Microsoft May 2019