

Christopher Guzowski - Software Engineer

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Summary

Call me Chris, I'm a Software Engineer with 3+ years of experience in building scalable web applications using **Angular, Java, Spring Boot, and SQL**. Proven ability to create solutions to problems, optimize performance, write clean testable code, and work in Agile teams. I'm Passionate about **cloud computing, microservices, and automation**, with ongoing AWS certification training.

Personal Statement

My passion for technology began in childhood, surrounded by computers, TVs, and gaming consoles. Fascinated by how these systems worked behind the scenes, I was eager to uncover their inner mechanics. My first "Ooo" moment came when I discovered programming, followed by countless "Aha!" moments as I continued to learn and grow within this ever-evolving field.

While college provided a strong foundation, I took the initiative to expand my skills independently, allowing me to develop as a proficient programmer. Through various experiences, I've gained deep insights into system digitization, software engineering, and the underlying patterns that connect programming languages and data structures. I have a profound appreciation for the technological advancements that empower innovation today, and I thrive on tackling complex challenges with creative solutions.

I am often described as honest and transparent, competitive yet humble, and genuinely passionate about collaboration and problem-solving. My journey has reinforced the importance of versatility while striving for mastery in key areas of software development. I am eager to continue growing in this dynamic industry and contribute to meaningful innovations that shape the future.

Work Experience

Tata Consultancy Services — Full Stack Developer

March 2021 – Aug. 2023

- **Developed full-stack web applications using Angular, Java, and MySQL**, delivering high-performance solutions.
- Collaborated in 2-week **Agile** sprints, participating in stand-ups, backlog grooming, and planning with **Jira & GitHub**
- Contributed to gradual **migration efforts to a microservices architecture**, enhancing scalability and maintainability.
- Implemented **role-based access control (RBAC) using JWT & OAuth**, ensuring secure authentication and authorization.
- Integrated **RESTful APIs with Spring Boot**, optimizing data flow and user experience.
- Achieved **85%+ unit and E2E test coverage** using **JUnit & Karma**, reducing defects by **21%**.
- **Refactored codebase** for modularity and maintainability; authored clear **documentation** for future devs.
- Received **extensive training on Java Core/ Spring, MySQL, MongoDB, NodeJS, Angular & product dev. life cycle**.

Hercules Heat Treating Corp. — Quality Assurance Specialist

Feb. 2020 – March 2021

- **Queried database, analyzed data in Excel**, and **presented** during audit, successfully passing with 0 findings.
- **Automated** workflows with **batch scripts**, reducing turnaround time by 36% and improved system efficiency.
- **Acquired, installed, and troubleshoot** computer architecture to digitize furnaces, boosting operational efficiency.
- Conducted tensile and hardness tests to verify **adherence to customer specifications and industry standards**.
- **Trained employees** to ensure **ISO compliance and system standards**, maintaining quality records.

Nanov Display Inc. — Tech Support

June 2019 – Nov. 2019

- **Revamped website architecture**, reducing load time by 30%, leading to a 15% increase in user engagement.
- **Engineered** innovative **marketing solutions**, resulting in a 27% increase in new customers.
- **Streamlined communication** between customers, vendors, and management to **resolve issues** promptly.
- **Traveled to client locations and expos** to set up Nanov products, managing **assembly and installation**.
- Accelerated startup office setup by **optimizing resources and managing responsibilities**.

CUNY Service Corps, Manhattan Youth — Teacher's Assistant

Sept. 2016 – Sept. 2018

- Taught **programming fundamentals** to students, guiding them through **error resolution** and problem-solving techniques.

Projects

- Built a **full-stack web application** using **Angular, Spring Boot, PostgreSQL**, hosted on a **Raspberry Pi via Docker**. (Backend ongoing)
 - Built **IoT-based smart home solutions** for remote control of light bulb and soil humidity monitoring.
 - Designed and developed **Face in Space** video game using **C#, .NET, and Unity**.
 - Led my team to build an **e-commerce website** with full business functionality.
 - Created **C++ file management system** for post office data organization.
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Tools & Technologies

- **Languages:** Java, Typescript, Javascript, Html, Css, MySQL, PostgreSQL
 - **Frameworks / Other:** Angular, Node.js, Npm, Spring Boot, REST, Json, Xml, Docker, Cloudflare, GitHub, Jira
 - **Testing:** JUnit, Jasmine, Karma
 - **Software Suites:** Microsoft, Adobe
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Education

NYC College of Technology - B. Tech in Computer Systems (Sept. 2014 – Jan. 2020)

- GPA: 3.56 / 4.0 (Magna Cum Laude)
 - Emerging Scholars Program (Jan. 2019 – May 2019)
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Certifications

- AWS: Certified Developer – Associate – Associate (*In-Progress*)
 - FAA: Commercial Drone Pilot - Part 107 (*May 2023*)
 - Microsoft: Programming Using Java (*May 2019*)
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Interests and Hobbies

I am passionate about simplifying life and creating systems for success. I focus on eliminating undesirable habits while fostering those that help me be my best self. Sharing experiences and learning from others' perspectives is something I value. I prioritize a healthy lifestyle, balancing mental, physical, and spiritual well-being through daily routines like meditation, problem-solving activities, working out, socializing and connecting with my loved ones!

I enjoy indoor activities such as reading, journaling, cooking tasty meals, playing board games, and creating visual media. As an avid traveler and nature lover, I love being outdoors—hiking, camping, swimming, kayaking, biking, and flying my drone are just a few of my favorite activities.