
Arin Kase

Software Engineer

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SUMMARY

Highly skilled and experienced Software Engineer with a passion for innovation, quality, and efficiency. Proven ability to design, develop, and implement complex software solutions using various programming languages and frameworks. Expertise in backend development and automation. Strong analytical and problem-solving skills with a history of successfully leading and mentoring junior engineers.

SKILLS

- **Programming Languages:** Python, JavaScript, C#, C++, XSLT, XML, Java, HTML, CSS
- **Web Development Frameworks/Libraries:** Django, Flask, React, Bootstrap, JQuery
- **Databases:** MongoDB, PostgreSQL
- **APIs:** RESTful APIs, API Endpoint Testing
- **Testing and Automation:** Scripting (Python, JavaScript, Bash), Playwright, Selenium, Test Driven Development, Manual Testing, Troubleshooting, Bug Logging, Test Case Creation, Pytest, unittest, JUnit, Jenkins, Postman, TCP/FTP Testing
- **AI/Machine Learning:** Familiarity with Machine Learning concepts, PyTorch, Scikit-learn, Prompt Scripting, AI model training
- **Soft Skills:** Leadership, Teamwork, Communication, Problem-Solving, Analytical Thinking, Reporting and Presenting

AREAS OF EXPERTISE

- Software Development and Testing
 - Designed, developed, implemented, and supported features for internal web applications and backend external systems using Python, Java, C#, and C++ in a Scrum/Agile environment. (Agfa Graphics, Gates Corporation, Iteris)
 - Built new features for microservices and API endpoints according to design from the UX team in Python/Django. (Gates Corporation, Iteris)
 - Utilized Python to parse, manipulate, and mine data objects for web app functionalities. (Agfa Graphics, Gates Corporation)
 - Created Python scripts to automate tasks and run automated tests
 - Assisted Quality Assurance during manual testing events in finding and logging bugs in JIRA during UI testing. (Agfa Graphics, DataRobot, Gates Corporation)
 - Designed and executed both manual tests and automation tests for testing UI and backend components of Python projects. (Agfa Graphics, DataRobot, Gates Corporation, personal projects)

- Improved existing code for better handling of PDF altering commands, increasing stability and accuracy. (Agfa Graphics)
 - Provided peer review of work to ensure code quality. (DataRobot, Iteris)
 - Utilized SQL, scripting, and tools such as Postman, Playwright, and Selenium to verify and test API endpoints, TCP/FTP connections, databases, and back-end processes. (Agfa Graphics, DataRobot, Iteris, Gates Corporation)
- Data Analysis and Automation
 - Architected efficient systems for data analysis and plotting. (Gates Corporation)
 - Improved existing code for handling and understanding data. (Gates Corporation)
 - Created automated unit and integration tests to improve testing coverage. (DataRobot)
 - Planned and implemented a Python script for reading pictures of signage and creating an Excel-based inventory system for verifying sign storage locations. (Society for the Promotion of Japanese Animation - volunteer position)
- Leadership and Mentorship
 - Assisted management with delegating tasks and improving team planning. (Agfa Graphics)
 - Provided technical guidance and mentored junior engineers. (Gates Corporation)
 - Led a major update from Python 2 to 3 and assisted the team with a similar update. (Agfa Graphics)
 - Managed a group of volunteers, providing mentorship and support both on and off shifts for information booth staffing. (Society for the Promotion of Japanese Animation - volunteer position)

EXPERIENCE

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| ● Software Engineer (Contract) , Agfa Graphics | June 2014 - May 2015 |
| ● Software Engineer , Agfa Graphics, DataRobot | May 2015 - Nov 2019 |
| ● Software Engineer II , Gates Corporation, Iteris Inc. | Nov 2020 - June 2023 |
| ● Professional Development , (See Certifications) | July 2023 - Current |
| ● Contractor , Outlier, Alignerr | Oct 2024 - Current |

EDUCATION

California Lutheran University, Thousand Oaks, CA

Bachelor of Science Degree in Computer Science with a Minor in Asian Studies (GPA: 3.5)

AUGUST 2010 - MAY 2014

CERTIFICATIONS

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| ● Google IT Automation with Python | ○ Google Issued May 2024 |
| ○ Google Issued March 2025 | ● Test Automation Foundations |
| ● Google UX Design Certificate | ○ LinkedIn Issued Dec 2024 |

- [Tech Career Skills: Effective Technical Communication](#)
 - LinkedIn Issued Dec 2024
- [Software Testing Foundations](#)
 - LinkedIn Issued Dec 2024
- [Quality Management Foundations](#)
 - LinkedIn Issued Dec 2024
- [Programming Foundations: Software Testing/QA](#)
 - LinkedIn Issued Dec 2024
- [Learning Selenium](#)
 - LinkedIn Issued Dec 2024
- [Advanced Selenium: Automation Frameworks](#)
 - LinkedIn Issued Dec 2024
- [Software Testing: Tools](#)
 - LinkedIn Issued Jan 2025
- [Managing Jira Projects: 3 Helpful Concepts and Features](#)
 - LinkedIn Issued Jan 2025
- [Foundations of Software Testing and Validation](#)
 - University of Leeds Issued Jan 2025
- [Career Essentials in Software Development by Microsoft and LinkedIn](#)
 - Microsoft Issued Jan 2025
- [Agile Testing](#)
 - LinkedIn Issued Jan 2025
- [Agile Project Management with Jira Cloud: 1 Projects, Boards, and Issues](#)
 - LinkedIn Issued Jan 2025
- [API Testing Foundations](#)
 - LinkedIn Issued Jan 2025

For more information on all certificates see my LinkedIn profile or Portfolio Website

LINKS AND WORK SAMPLES

Portfolio: <https://sites.google.com/view/arin-kase/home>
GitHub: <https://github.com/HOLOGH05t>
LinkedIn: <https://www.linkedin.com/in/arin-kase-b6874994/>
Sample: <https://selfreplicator.onrender.com>