

Justin Hartfield

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Summary

Experienced Software Engineer with 5+ years of experience in full-stack development, automation, and SaaS product development delivering high-quality solutions in Python, C#, and JavaScript.

Education

B.S. Computer Science - Arizona State University

May 2020

Technical Skills

- **Languages:** Python, C#, C++, Java, JavaScript (Next.js, React.js), SQL, HTML/CSS
- **Technologies:** Jenkins, Git, GitLab CI/CD, Selenium, Playwright, Cypress, Swagger, Grafana, AWS
- **Databases:** SQL (MySQL, Microsoft SQL Server, Postgre), NoSQL (MongoDB)
- **Other:** APIs, Virtual Machines, Jira, CompTIA Network+ Certificate

Professional Experience

10ZiG Technology – Phoenix, AZ: Software Engineer

Sept 2024 – Present

- Designed and developed software solutions for Linux firmware and 10ZiG Manager using JavaScript and Python, improving system reliability and performance.
- Built and maintained end-to-end system validation features, ensuring robust product functionality and seamless integration with existing infrastructure.
- Implemented CI/CD automation by integrating Cypress-based test suites with Jenkins, optimizing deployment workflows and reducing production issues.
- Refactored and optimized core components in the application, reducing execution time and improving code maintainability.

Self-Employed – Software Engineer & SaaS Founder

Jan 2024 – Sept 2024

- Machine Learning Sports Predictions – [Parlays.gg](https://parlays.gg)
 - Developed a SaaS sports prediction platform using Next.js, Tailwind CSS, MongoDB, and AWS SageMaker for real-time predictions. Integrated APIs for data fetching, user authentication, secure registration, login, Stripe subscription management, and a referral system.
- Career Help Website – [Unemployed.dev](https://unemployed.dev)
 - Built a full-stack job search platform using Next.js to assist tech professionals in finding employment, integrated automated job listings via APIs, user authentication, and a custom user management system.

iPro Tech – Tempe, AZ: Software Engineer

Sept 2021 – Jan 2024

- Developed and executed UI automation with Selenium and Playwright, using Python to validate product functionality through comprehensive testing.
- Enhanced API testing by streamlining functional acceptance and regression tests in C#, maintaining consistent and reliable quality standards.
- Integrated DevOps practices to streamline client, development, and test environment deployments. Established a robust GitLab CI/CD pipeline to improve efficiency throughout the software development lifecycle.

Microsoft – Tempe, AZ: Technical Support

Aug 2018 – May 2020

- Provided expert-level technical support to Microsoft customers, diagnosing and resolving complex technical issues. Served as the escalation point for technical issues, demonstrating advanced problem-solving skills to provide timely and effective solutions.