

VOORHEES, NJ
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Michael Fried

SOFTWARE DEVELOPMENT ENGINEER

Software Development Engineer with extensive experience in Agile Kanban and traditional software development methodologies. Proficient in guiding software projects from requirements gathering through design, development, and deployment to a fully functional production environment. Skilled in designing and developing backend web microservices using Kotlin, Java, and Spring for high-volume production systems. Experienced in front-end technologies such as iOS and web application development. Adept at creating comprehensive automated testing suites across various languages, including unit, component, and integration tests. Highly skilled at rapidly learning and applying new technologies.

TECHNICAL SKILLS

Programming Languages and Frameworks

Java, Kotlin, Swift 4, Typescript, Angular 2+, HTML, XHTML, CSS, JavaScript, C, C++, Python, SQL, UNIX Shell (bash, zsh), Junit, Mockito, Mockk, JQuery, Node.JS, Selenium, Cucumber, Spring, RESTful Web Services, Test-containers, Yaml, Gradle, Maven, Webflux

IDEs

IntelliJ, Datagrip, XCode, SQL Developer, Eclipse

CI/CD

Gitlab, Git, SVN, Enterprise Jenkins, Bamboo, Kubernetes, K8s, Kraken, Terraform

Datastores

Oracle, Postgres, SQLServer, MySQL, DynamoDB, Kafka

Other

Amazon Web Services (Cloudformation, ECS, Secrets Manager), Kibana, Atlassian suite (Jira, Confluence, etc), Rollbar, Datadog APM, Splunk, Postman

EXPERIENCE

Lincoln Financial Group, Philadelphia, PA

Software Engineer

January 2023 – November 2024

- Designed and implemented high-volume web microservices using Java, Kotlin, Spring WebFlux, and Angular for financial industry applications.
- Managed GitLab repositories and CI/CD pipelines, integrating code scans and tests to ensure quality and security, and deploying code to AWS ECS instances.
- Deployed web services and web UI applications to ECS clusters using AWS CloudFormation, integrating AWS secrets for enhanced security.
- Developed front-end applications using Angular and Typescript to interact with back-end APIs.
- Analyzed server logs using Splunk to identify and troubleshoot issues.
- Developed automated UI tests in Java, Kotlin, and Typescript to ensure the quality of UI applications.
- Mentored team members to facilitate knowledge transfer and enhance team productivity.
- Collaborated with UX/UI designers, development teams, and product managers to deliver seamless user experiences, adhering to Agile methodologies.
- Established and maintained coding standards, conducted code reviews, and implemented CI/CD pipelines to ensure high-quality, maintainable code.
- Managed end-to-end feature development, from prototyping to deployment, ensuring on-time delivery and alignment with business goals.

SoFi, Claymont, Delaware

Software Engineer

January 2020 – January 2023

- Architected and implemented high-volume web microservices using Java, Kotlin, Spring, Postgres, and Kafka Messaging for financial industry applications.
- Managed Postgres and DynamoDB datastores using Flyway to perform data migrations and maintain data consistency.
- Developed unit, component, and integration test suites to validate software functionality and performance.
- Created and supported CI/CD pipelines in GitLab, encompassing builds, validation, and deployment processes. Additionally, integrated Sonarqube for code analysis.

- Utilized Kraken and Kubernetes for rapid code development, establishing isolated test environments.
- Supported production environments with an on-call rotation managed through Opsgenie, ensuring system reliability and uptime.
- Created monitors, alerts, and dashboards in Datadog APM and Rollbar to monitor and maintain stability in production environments.

Agile Trailblazers, Media, Pennsylvania

Software Development Engineer

February 2016 – December 2019

- Developed software using Agile methodologies, creating iterative software and producing viable products at regular intervals in a fast-paced environment.
- Tracked issues using Jira, facilitating team collaboration to find the best solutions in alignment with Agile practices.
- Adapted to changes in team size, maintaining effective communication to ensure seamless development.
- Managed code using Git and GitHub, fostering effective team-based development.
- Created automated unit tests using frameworks like Junit, Postman, Newman, and Selenium to ensure functionality and expected behavior.

Nemours

- Contributed significantly to building the new Nemours app platform.
- Developed and deployed an iOS application in Swift and a web application in Angular, connecting with a backend API, and created unit tests for both applications.
- Developed and deployed web applications using Angular 7, interacting with a RESTful API backend.
- Created automated test suites for iOS applications using Apple's XCTest Framework and Fastlane.
- Created automated test suites for Angular applications using Cucumber, Selenium, and Ruby.
- Developed automated integration test suites using Postman.
- Configured and administered Bamboo for the complete CI/CD process, including automated testing.

Capital One

- Contributed significantly to the internal Credit Disputes application, built using Java and the WaveMaker platform.
- Managed the complete lifecycle of the application, from development to production releases.

- Conducted manual application testing using Zephyr to track test results.

Politico

- Contributed significantly to the development of the Politico and Politico PRO websites, from sprint planning to implementation.
- Developed and maintained features on the Politico website for the 2016 Election season, using the Brightspot CMS in Java and related web technologies.
- Contributed significantly to the design and implementation of IP-based user access for the “PRO” website for a large organization.

Graduate School USA

- Contributed significantly to the redesign of the Graduate School USA website, from planning to implementation and deployment, enhancing user experience and increasing revenue.

Fiserv, King of Prussia, Pennsylvania

Software Development Engineer

July 2013 – January 2016

- Developed software for the Secure Lending Platform utilizing Java, Webmethods, and web-related technologies, thereby ensuring high precision and data security within the financial industry.
- Administered multiple databases, each containing over 100 tables, packages, and procedures, thereby ensuring data consistency, reliability, and security.
- Collaborated with multiple teams and high-profile clients to resolve technological and code issues, ensuring a positive user experience.
- Utilized multiple tracking systems to monitor issues and new developments.
- Managed development servers hosting technologies such as WebLogic, WebMethods, Apache, and SiteMinder, thereby ensuring seamless integration of services.
- Managed code using versioning systems like SVN and Perforce, thereby ensuring organized code storage for deployment.
- Integrated software with various systems, thereby creating a seamless client experience.

Lockheed Martin, Cherry Hill, New Jersey

Software Engineer/Web Developer

April 2011 – September 2012

- Developed web applications using Java, JSP, and the Google Web Toolkit, including a URL redirector for secure internal link creation.
- Created and maintained web pages on multiple company websites, including Lockheed Martin Engineering's main site, using GWT, JSP, HTML, and other web-related technologies.
- Administered over 60 databases across multiple systems, ensuring consistent and reliable data provision.
- Supported various computer-related projects, creating custom web pages and applications for specific uses.

Wharton Business School, Philadelphia, Pennsylvania

Computer Support Representative

March 2010 – September 2010

- Evaluated and identified software problems and solutions for computing equipment, email, and wireless networking to ensure students had necessary equipment.
- Documented, installed, and configured software including wireless security and MS Office on various systems and devices (Windows, Mac OS, Android, iOS, Blackberry).
- Documented, installed, and configured software and hardware, including hard drive replacement and memory upgrades.
- Resolved student account issues, ensuring uninterrupted learning.
- Managed a team of student workers to provide efficient service to Wharton Business School students.
- Tracked student issues using a ticketing system, ensuring timely resolution.

CERTIFICATIONS

ICAgile Certified Professional – Agile Testing (ICP-TST)

Completed March 1st, 2017

ICAgile Certified Professional – Agile Test Automation (ICP-ATA)

Completed March 1st, 2017

EDUCATION

Drexel University, Philadelphia, Pennsylvania

Bachelor of Science (BS), Software Engineering

Minor: Computer Science

August 2008 – July 2013

Cumulative GPA: 3.37