Zachary Thomas
Software Engineer
zthomas2323@gmail.com

Experience

Versatile Credit, Mechanicsburg, PA   APR 2019 – DEC 2024
Software Engineer
- Built several financing provider API integrations into existing financing apply and checkout platforms
- Tailored existing applications to accommodate dynamic, full-stack client requirements
- Documented past, present, and future application changes for records or client presentation
- Tested both legacy and new frontend and backend changes to ensure reliability and consistency
- Participated in requirements gathering and time estimation for priority work each sprint

Computer Aid Inc., Camp Hill, PA   AUG 2018 – DEC 2018
Open Systems Java Developer - Contract
- Built required J-Unit test cases for existing and legacy applications to meet coverage standards
- Managed all code changes through IBM CA Harvest SCM and MyEclipse Blue
- Utilized tools such as Mockito and PowerMockito to circumvent obstacles in testing legacy code
- Collaborated with other contractors to distribute testing efforts efficiently
- Documented untestable or dead code for future reference or refactoring

PSU Auxiliary and Business Services, State College, PA   APR 2017 - AUG 2017 / JAN 2018 - AUG 2018
Application Development Intern
- Utilized Twilio's REST APIs to prototype a university-wide mass texting application
- Created new database queries to accommodate new requirements.
- Created web applications and dynamic reports using ColdFusion, HTML, CSS, and SQL
- Modified an open source JavaScript widget for integration into a custom responsive website design
- Documented all methods and features of completed projects for future reference

Skills and Knowledge
- Java, Kotlin, and Spring Boot for building scalable and efficient server-side applications.
- Vue.js (2 & 3), React.js, and jQuery for developing dynamic and responsive user interfaces
- PostgreSQL and Flyway; comfortable navigating and managing databases via command line
- Mockito and MockK for unit testing in Java and Kotlin applications
- Cypress for end-to-end testing of frontend applications, as well as initial development
- Familiar with various IDEs and editors, including IntelliJ IDEA, Visual Studio Code, and Sublime Text
- Experienced in agile software development and methodologies

---

Education

The Pennsylvania State University   2014 – 2018
B.S. of Information Sciences and Technology - Design and Development
Minor of Security and Risk Analysis (SRA)