Vas Kaloidis
Software Engineer
63 Middle Quarter Rd, Woodbury, CT 06798
Phone: 203-578-0346 **Email:** vas.kaloidis@gmail.com **Website:** www.vasi.codes

Summary

Experienced software engineer with expertise in Java, iOS, Ruby on Rails, and React, offering over a decade of development experience. Committed to writing clean, composable, stable, and testable code.

Skills

- Multi-faceted developer with over a decade of experience developing applications for both web and native platforms.
- Meticulous adherence to software design principles outlined in literature
- Focus on test-driven development for stable, composable and reusable code
- Expert in Linux server administration and scripting
- Experienced in DevOps and Docker virtualization

Technical Skills

- Java
- iOS Development (Swift, Objective-C)
- Ruby on Rails
- JavaScript: NodeJS, ReactJS
- REST, JSON GraphQL (Client and Server)

- **Databases:** MySQL, Postgres, Microsoft SQL
- **SysAdmin:** Linux Server Deployment, Administration, Scripting
- **DevOps:** CI/CD Pipeline Configuration and Deployment
- **Virtualization:** Docker

Education

University of Hartford, Hartford, CT
B.A. Computer Science, 2013

Experience

Wellinks, **New Haven, CT** Jan 2021 - April 2023

Senior Software Engineer - Swift, Ruby on Rails, ReactJS, NodeJS, SQL

- Led the development of the Rails API backing multiple mobile and web platforms.
- Significantly increased Rails API Server stability by increasing test coverage from 20% to over 90%, and decreasing production bugs
- Lead the development of the Wellinks iOS application in Swift and Objective-C, overseeing and writing most features in both Version 1 and Version 2 of the application
- Created a live chat iOS feature for real-time communication between patients and health coaches via live WebSockets and GraphQL

- Established iOS to BLE device connectivity and data synchronization with various BLE Medical Peripherals to collect live patient health data.
- Enhanced iOS app performance and stability through code refactoring and implementation of unit and integration tests.
- Developed React and NodeJS micro-services to transition from a monolith Rails app to a distributed collection of micro-services

Clarity Software, Madison, CT - July 2019 - Dec. 2020

Java Software Engineer - Java EE 7, Microsoft SQL, Docker, Bash

- Developed and configured large-scale Java-EE 7 Web Applications for use in transforming data provided by medical insurance companies into products for their customers
- Wrote large libraries of SQL to transform customer data into various medical insurance products, such as Cards, EOBs, and Letters
- Developed and deployed Java REST services; giving insurance providers API access to customer card images for use in their mobile apps
- Developed and Dockerized the Java Web application, utilizing a library of custom Shell scripts I developed, allowing engineers to configure and deploy customer web applications locally in minutes rather than hours

Knock Media, New Haven, CT Aug. 2017 – July 2019

Software Engineer - NodeJS, AWS, React, SQL, Docker, Bash, AWS

- Led the development of Node.js Backend API servers
- The server acted as a nexus connecting multiple disparate APIs into a single GraphQL provided to the frontend React application
- Express server middleware authentication was utilized allowing for SSO via AWS Cognito
- GraphQL Endpoints combined data gathered from REST APIs, Postgres, and Microsoft-SQL databases to support the frontend.
- Built the development pipeline for CI/CD for the NodeJS server, deployed to AWS

Healthmap Solutions, Tampa, FL Feb. 2016 - Aug. 2017

Software Engineer - Java 7, MySQL

- Built and maintained Java EE 7 Web Applications that utilized insurance carrier HL7 medical data to assist health coaches in offering remote care to people at risk of kidney failure
- Developed applications that offered preventative healthcare by giving insight into which patients were most at risk, and then providing health coaching to those patients
- Java EE 7 Web Applications developed using Hibernate ORM, and MySQL Server

Apelon, **Hartford, CT** — Jan. 2015 - Feb. 2016

Java Software Engineer - Java, JavaFX, HL7, Python

- Worked on ISAAC, an open-source terminology suite for mapping patient data from patient charts to their corresponding diagnosis and billing codes
- Developed software for use at the VA to better utilize different medical terminology for better patient diagnosis, information-sharing, and billing
- Contributed to the development of ISAAC, JavaFX desktop software which allowed the informaticist to map medical codes from a patient chart to their IDC-9, IDC-10, SNOMED-CT, RxNORM, LOINC definition
- Worked on integrations for HL7 / FHIR coded medical data systems
- Built complex CI/CD systems utilizing Maven, Shell Scripts, Python to facilitate the build of large projects with embedded medical terminology libraries that were fetched remotely during the build

Core Informatics, **Branford, CT** — Feb. 2014 - Jan. 2015

Java Software Engineer - Java, JavaFX, Microsoft SQL

- Developed, debugged, and supported our Laboratory Information Management System (LIMS) and our Electronic Lab Notebook (ELN) Products.
- Worked with the business analysts to develop new features for our Laboratory Management System to better integrate our product into laboratory workflows
- New software features directly impacted scientists and researchers in their drug research and discovery.
- Also in a customer support role, our team of engineers assessed customer problems, designed solutions, engineered fixes directly into our product code.

ISG Software Group, **Wallingford, CT** — Jan. 2013 - Jan. 2014

Software Engineer - Java, PHP, MySQL

- Developed large-scale PHP software, as well as maintained and upgraded small-scale PHP websites
- Created Java Synchronization software that connected an in-house Point of Sales System (Microsoft SQL Server), to an online Magento e-commerce website.
- Nightly Syncs were run using REST. Custom Magento plugin development pushed online orders to the SQL-backed customer POS system during checkout, for flawless integration

University of Hartford — Sept. 2011 - May 2012

Teaching Assistant (TA), Tutor - Java

- Teaching assistant for Java programming CS115
- Taught multiple lectures on various advanced Java programming topics

- Worked as a tutor for all programming languages, in the Computer Science Department Lab.