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| **Objective:** |
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| * To make use of my experience and skills as a Software Engineer working independently or as a team member for the continued growth and success of my employer.
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| **Technology:** |
| * ***Java 8, 11, 17, 21***
* ***Microservices, Docker, Kubernetes, Redis***
* ***AWS (EC2, AWS RDS, S3, Route 53, ECS, EKS)***
* ***Spring Framework, Spring Boot, Spring MVC, Spring Data, Spring Security, Spring Integration, Spring WS***
* ***RESTful web-services, JSON, GraphQL***
* ***HTMX, React, Angular, WebStorm***
* ***Auth0, OpenAM, Okta, SAML, Oauth2***
* ***Subversion, Git, GitHub, GitLab, BitBucket, Jenkins, GitHub Acions***
* ***JavaScript, JQuery, GWT, SmartGWT***
* ***Java Design Patterns (MVC, Singleton, Factory, etc),***
* ***Eclipse/STS Development Tools, IntelliJ***
* ***Java Messaging Service (JMS), Apache MQ Server, RabbitMQ, Kafka***
* ***Oracle DB, MS SQL Server, MySQL, PostgreSQL, SQL***
* ***Unix/Linux (Fedora Core, OpenSuse, Centos), Bash script***
 |
| **Professional:** |
| **ZeekTek (Centene/HNFS)** | **Lead Software Engineer (Contractor)** | **11/06/2023 - 12/31/2024** |
| * Used Java 17 to fix bugs and add new features to existing HealthNet Federal Services Applications
* Run manual morning Oracle and MSSQL SQL scripts to process data for their Provider Application
* Attended all Administrative meetings to keep up to date with the latest company news
* Attended all Technical Meetings to share knowledge and keep up to date with team members
* Used DynaTrace to find and report issues to the correct teams within the organization
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| **Verana Health** | **Senior Backend Software Engineer** | **05/18/2022 - 09/15/2023** |
| * Using Spring Boot and Java 17 to create the Microservice for the AntiVEGF and VeraSite.
* Used React on the front end for the web-apps called AntiVEGF and VeraSite.
* Used Docker, Kubernetes for Containerized Deployment
* Worked with Operations, Data Engineering, and UI teams to finish these products and get them to Production.
* Utilized GitHub for repository, and GitHub Actions for CI/CD, and with Liquibase for database migration.
* Worked on existing applications to add new tables, add new features, and fix new bugs, and work with QA to make sure all changes were tested before being moved to Production.
* Worked with Docker and Kubernetes for deployment to AWS EKS environments.
* Used Agile/Scrum process for each two week Sprint, with Jira and Confluence tools, and Slack for team-wide communication.
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| **Ekotrope** | **Staff Software Engineer** | **05/17/2021 – 05/15/2022** |
| * Worked on new features and fixed bugs in existing core product Rater application
* Mentored Junior Developers to introduce them to new technologies and architecture
* Worked with other Senior Developers to diagnose and fix performance issues on the core product
* Introduced company to Spring and worked on roadmap to port core application to it
* Introduced company to Flyway as a new Data Migration tool and implemented that
* Reviewed database and introduce a roadmap to make the existing database more stable
* Worked on a roadmap to start updating libraries in the core product to their latest version
* Worked on a roadmap and implemented change from Hibernate version 3 to version 5
* Core product is written in Java 8 and uses MySQL RDS on an AWS Elastic Beanstalk Environment
* Wrote numerous articles in Confluence on technologies and architecture
* Wrote numerous articles in Confluence on documenting the existing core product
* DevOps work with AWS EC2, S3, Elastic Beanstalk, Route 53, and SES
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| **LifeImage** | **Manager of Engineering** | **01/01/2021 - 05/15/2021** |
| * Promoted to Manager at the start of the year with
* 5 direct reports (3 in-house developers and 2 contractors)
* Provided Technical Direction and Leadership
* Perform reviews and report on direct reports
* Agile/Scrum Leader and managed Jira Story Boards
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| **LifeImage** | **Principal Software Engineer** | **04/01/2019 – 12/31/2020** |
| * Full-Stack Developer on the Provider Portal, using Java 11 and Spring Boot for back-end, and Javascript and HTML, CSS for the front-end work
* Created Microservices to create RESTful APIs in a Eureka environment
* Used Angular to add new front-end features and fix bugs in the Provider Portal front-end
* Used Docker and AWS ECS to Containerize application
* Specialized in RESTful API security working with Auth0 to utilize their API for User Management.
* Code Reviewed code for back-end developers
* Provided productivity reports from Jira to upper management
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| **CareCentrix** | **Senior Software Engineer** | **05/22/2018 – 03/31/2019** |
| * Used Java 8 and Spring Boot to create a new Provider Portal with Microservices replacing their old monolithic app.
* created new PostgreSQL databases for each new Microservice. Started with the existing monolithic database tables, broke those out to smaller tables where it made sense for the service
* Used Spring Cloud Configuration to handle global control of application properties
* Each Microservice had a collection of RESTful API calls
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| **VirMedica** | **Manager of Engineering** | **03/01/2017 - 05/30/20** |
| * Promoted to Hands-on Manager of Engineering
* 12 Direct reports (3 in-house back-end developers, 2 in-house front-end developers, 6 off-shore contractors)
* Provided Technical Direction and Leadership
* Perform reviews and report on direct reports
* Agile/Scrum Leader and managed Jira Story Boards
* Code Reviewed code for back-end developers
* Provided productivity reports from Jira to upper management
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| **VirMedica** | **Lead Java Software Engineer/Architect** | **12/04/2016 - 02/30/2017** |
| * Worked as the Tech Lead/Architect to design back-end of the Provider Portal 2.0 web-application
* Created numerous RESTful API’s with Spring, Hibernate, and Jackson Object Mapper
* Tested RESTful API’s with Junit and documented with Spring RESTful Docs
* Mentored junior developers and executed code reviews
* Created and Updated the design of multiple tables within the Oracle database
* Worked with the UI/UX developers to design appropriate JSON data exchange
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| **AGMedNet, Inc.** | **Principal Software Engineer** | **11/10/2014 - 11/11/2016** |
| * Worked as a full-stack java engineer to add new features and fix bugs in existing projects.
* Update the Postgres database to add new fields and tables for new features
* Worked as lead developer on Federated SSO, making sure OpenAM works with third party identity providers
* Worked on creating RESTful web-services within Apache Karaf, and worked on the JQuery UI to consume those newly made web-services
* Used Jira and Confluence within an Agile/Scrum SDLC
* Added new features to Bonitasoft Workflow engine
* Lead the development of a new Spring MVC RESTful based application
* Responsible for creating and maintaining environments for Development and QA
* Cleaned database with FlywayDB Migration tool
* Implemented Spring Security on new RESTful web-services
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| **Academic:** |
| Graduate of Bridgewater State College with a BS in Computer Science.* Using Pascal, programmed a Data Communications Simulation requiring a Programmers and Users Manual.
* In VAX 11/780 Assembly programmed an Assembler
* Using C, programmed a Compiler which translated KAREL code into Pascal.
* Using C, a simulation of an Operating System sharing devices and a CPU.
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| **Personal:**  |
| * Former member of the Junior and Senior CYO in Randolph.
* Became Eagle Scout in 1984.
* Certified by BSA National Camp School in Archey and Riflery
* Certified PADI SCUBA Diver
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| **References:**  |
| * Available upon request
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