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JOE KALB

I intend to use my software engineering experience, ability, and passion to help a company improve the world's health. As indicated by my side projects below, I have spent thousands of hours working towards helping people overcome "chronic" health conditions (many of those hours spent developing related websites). I am excited to use my detail-oriented mindset, my experience leading teams, and my overall backend and full-stack software dev experience to help build systems which enable people to improve their health, reverse chronic disease, and take control over their lives. As a bonus, I am eager for the opportunity to take on a more hands-on role (by jumping from my current "architect" role back to development), working with new technologies while striving towards a mission I am aligned with.

SKILLS

- Full-stack software engineering and API development
- **Detail-oriented** problem solving
- Java, Mulesoft ESB, Python, JSON, SQL, JS, PHP, HTML, CSS, more
- Communication, **leadership**, optimism
- **Learning new technologies**
- Being a **doer**

EXPERIENCE

MIDDLEWARE SENIOR SOLUTION ARCHITECT / Grange Insurance, Remote from Cape Coral, FL (06/2019 – current)

Lead middleware solution architect for Grange Insurance. Role includes combination of "hands-dirty" technical integration work and high-level design. Develop detailed architecture diagrams for middleware integrations. Provide expertise regarding all things middleware: from high-level overviews to in-the-weeds details. Collaborate with developers, BA's, DBA's, Security team, architects, vendors, business, and others to find best possible solutions. Design integrations for realtime and batch, synchronous and asynchronous. Provide production support, assist with deployments, and even write code. Drive projects forward. Design solutions balancing constraints of business, timelines, licensing, internal systems, multiple development teams, vendor systems, and desire for architectural purity. Focus on quality communication with all involved parties and development of proofs of concept to ensure proper design and technical feasibility. Make myself easy to work with by expressing friendliness, detail-oriented analysis, and transparency.

Key Contributions:

- Lead Enterprise Service Bus (ESB) architect for largest transformational project in company history ("Core4")
- Designed approximately 150 successfully-deployed production middleware APIs
- Leading in-progress effort to make our ESB platform cloud-ready
- Provided and promoted an improved, more comprehensive ESB documentation with standard formatting
- Designed and promoted successfully-implemented Batch Framework to run Mulesoft jobs via enterprise scheduler
- Throughout all work, maintained solid communication with Devs, BAs, DBAs, architects, managers, vendors, etc.

SENIOR INTEGRATION DEVELOPER / Motorists Insurance (now Encova), Columbus, OH (06/2010 – 05/2019)

Designed and developed integrations between core insurance systems, legacy systems, and external vendor systems. Senior developer during largest project in company history, a Commercial Lines transformation project. Developed in Java, Gosu, and Mulesoft ESB. Worked with other developers, business analysts, architects, DBAs, and external vendors regularly. During transformation project, led a small team of developers and analysts focused on document-related integrations. Work spanned entire development cycle, from requirements analysis through production support.

Key Contributions:

- Senior integration developer (Mulesoft and Guidewire) for largest transformational project in company history ("Commercial Lines Transformation project")
- Served as Document Management dev team lead during Commercial Lines Transformation project

- Designed and developed dozens of services, synchronous and asynchronous, to support Commercial Lines Transformation project
- Developed for many company systems over the several years prior to CL project: Internet Services (web applications), backend Java code and rules systems, Siebel-based claims system, Predictive Modeling system
- Developed in variety of technologies spanning front-end, back-end, database, proprietary, and more

SIDE PROJECTS

Online Holistic Resources Directory: Developed an extensible online directory of local holistic health resources with a visual map, categorization, and the ability for users to add their own favorite resources. Built using Python, Flask, SQLAlchemy, MySQL, Mapbox, HTML, JS, CSS. Demonstrates my knack for full-stack development, my ability to learn and apply new concepts, and my passion for helping people find abundant health. Viewable at JoeKalb.com/holistic

You Cured What?! Podcast: Produced, developed the website (YouCuredWhat.com) for, and hosted a podcast about people healing from conditions most people consider irreversible. 30 episodes so far. Demonstrates my communication skills, my developer ability, my go-getter attitude, and ability to cross domains while learning new technologies and concepts.

DiseaseReversals.com: Created website for cataloging online anecdotes of people overcoming debilitating health conditions, categorizing their health improvements by disease and by diet. Built using HTML, CSS, JavaScript, PHP, and a backing MySQL database. Demonstrates my full-stack development competence, my passion for learning, and my alignment with the mission of reversing chronic disease.

Hook Shots App: Created silly (but hopefully fun) basketball app for Apple and Google Play app stores, released in 2015. (Still in iOS app store but not all functionality still works with newer versions of iOS.)

ACTIVITIES

Volunteered for Big Brothers Big Sisters, Future Possibilities ("Kid Coach"), Meals on Wheels. Earned Toastmasters Competent Communicator award (10 speeches). Led Columbus Keto Meetup group. Led book club at Motorists Insurance. Love reading, writing, growth mindset, health, nutrition, working out, authentic conversations.

EDUCATION

BACHELOR OF ARTS, COMPUTER SCIENCE / Mount Vernon Nazarene University (2006 – 2010)

4.0 GPA, 2 years varsity basketball