Jake Tobin

LEAD SOFTWARE ENGINEER

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EXPERIENCE

ItsaCheckmate, Lead Software Engineer
01/2021 - 06/2022
- **Ruby on Rails, Graphql, PostgreSQL, Redis, AWS, React**
- Led a team of 3 engineers that built a new product and made 250k ARR within the first month of launch.
- Created a plan to fix database performance as the company migrated from Heroku to AWS.
- Designed a new customer onboarding system that shortened the onboarding time from 1 week to 1 day.
- Initiated a new engineering interview process and an engineering-wide system architecture interest group.

Vista Higher Learning, Senior Software Engineer
04/2020 - 12/2020
- **Ruby on Rails, MariaDB, DynamoDB, PostgreSQL, Redis, AWS**
- Created a process to keep all projects up to date with CVE's and strengthened security posture.
- Built a rostering app that helped users quickly onboard their school's students.
- Helped the company adapt to COVID-19 by creating a new virtual sales system.

Toast, Software Engineer II
03/2020 - 04/2020
- **Java, Kotlin, Dropwizard, PostgreSQL, DynamoDB, React, Docker, AWS, Flutter**
- Built and launched "Google My Business" integration with online ordering team in 1 month.
- Led a team of engineers that built an internal sales app that helped sales reps boost KPI's.

Covalent Networks, Senior Software Engineer
08/2019 - 02/2020
- **Ruby on Rails, SQL, PostgreSQL, Redis, React, Docker, AWS**
- Refactored rails monolith to increase performance by 30% and decreased feature development time.
- Strengthened the company's security posture by implementing a secure software lifecycle and risk register.
- Mentored junior team members and helped create a lunch and learn program.
- Implemented a new core application feature while also introducing background processes into rails application.

CoverMyMeds, Software Engineer
02/2017 - 07/2019
- **Ruby on Rails, Phoenix (Elixir), PHP, SQL, PostgreSQL, Redis, React, jQuery, Docker, Vagrant, Puppet, Passenger**
- Refactored client-side code that resulted in 95% performance improvement in front-end SPA.
- Designed and implemented a secure software development lifecycle within agile software teams.
- Implemented and deployed internal API authentication with JSON JWT's.
- Identified and prevented 2 significant potential security and privacy leaks.

Summit Racing Equipment, Software Developer
01/2016 - 02/2017
- **ASP.NET 4 MVC, Web API, C#, VB, Entity Framework, Telerik ORM, LINQ, SQL Server, jQuery, NPM, IIS, HAProxy**
- Designed internal service-oriented APIs using domain driven design and SOLID software principles.
- Implemented npm and webpack build pipelines for external facing sites.
- Built an enterprise-grade pricing API that feeds pricing data to customers and internal systems.

Olsträd Engineering Corporation, Lead Software Engineer
05/2015 - Current (Internship That Continued Into Side Projects)
- **Ruby on Rails, jQuery, PostgreSQL, Heroku, GIT, S3, SendGrid, ASP.NET CORE, iOS, Azure, ESXi vSphere**
- Designed and built a complex combustion system quoting app from scratch using ruby on rails.
- Integrated a SQL database into a high-speed conveyor automation system.
- Built an automation project within a multi-discipline engineering team while working with clients.
- Managed a team of 3 engineers that built an iOS app that is used in the field by service technicians.

Progressive Casualty Insurance Company, Software Developer Intern
05/2014 - 08/2014
- **ASP.NET 4 MVC, C#, LINQ, HTML, CSS, JavaScript, Ace.js, Agile Software Development, TFS**
- Built an internal web app that tested insurance business logic.
- Worked with project managers to create an agile iteration schedule and reports.
- Collaborated with business managers to develop improvements to the "Name Your Price" tool.

EDUCATION

Bachelor of Science in Computer Science with a concentration in Information Security
Kent State University
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Publications: A Privacy-aware Platform for Sharing Personal Information on Wearable Devices, EUSPN, Sept. 2016