

KYLE JACKSON REBSTOCK

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HIGHLIGHT OF QUALIFICATIONS

- 14+ years of experience in Software Architecture and Leadership roles.
- Full Stack, Principal Software Engineer proactive and curious seeking high impact.
- Highly motivated, competitive, passionate in stakeholder collaboration.
- Reputation for taking on "Goliath" projects and setting new industry standards.
- Expert knowledge of Full-stack engineering technologies and practices
- Strong working knowledge of AWS and Azure
- Practices SOLID, FP, TDD, DDD, CI/CD, CUPID, GRASP, Test Pyramid.
- Inspiring colleague, coach, and mentor with experience fostering engineering maturity in multiple organizations.
- Huge proponent of many Gang of Four designs and principles
- +1.5 years in Leadership guiding a department of 45+
- Proud member of the 5 AM Club

ACHIEVEMENTS

- Awarded 6 times publicly by the National Automotive Dealership Association.
- Processed Billions of dollars worth of Medical Records from 5 major EMR systems
- Guided regional A/B testing, we increased sales by \$20 million
- Converted entire infrastructure with Terraform reducing costs
- Reduced time-to-market by 50% servicing multibillion-dollar clients
- Improved call center solutions, saved \$100k/year; increasing NPS scores by 25%.
- Reduced costs on expensive databases by \$80k annually with 40% CPU saved.
- Maintained 13 environments available with four 9s of uptime
- Implemented integrations with over 30,000 auto parts distribution centers
- Designed and implemented search, responding 50 ms from 50 million records.

TECHNICAL COMPETENCIES

| Proficient | Experienced | Familiarity |
|--|--|---|
| <ul style="list-style-type: none">• Mobile, Web, Back-end, DBMS• C#, .NET, SQL, Python, Java• React, JS, Typescript, Solr• MySQL, NoSQL, Postgres, Redis• Azure, CICD, AWS, Docker• Blazor, Razor, ASP.Net, OOO | <ul style="list-style-type: none">• T-SQL, EF, SQLAlchemy• PowerShell, bash, Unix• CSS + Frameworks• Functional Paradigm• Angular, CWE• React-Native, Android | <ul style="list-style-type: none">• GraphQL, Unity 3D• Django, Ruby, Vue, Flask• ML, Software Testing• Robotics with Johnny-Five• Elm, F#, C++, C, Go• Elastic Search, PHP |

EXPERIENCE

Driverse a DRB Systems Company www.driverse.com

Sr. Eng. Manager | Sr. Engineer for 8 months September 2021 to Present

Impact: As an engineer and a hands-on manager, we processed over 10M records for our Enterprise customer Take5/DrivenBrands at over 1k stores. \$50 million gross in 2 years since the inception. I am responsible for designing, implementing, and reviewing code, architecture, and development practices. With expert knowledge of the SDLC, I created the entire SDLC process and delivered on SOC Type 1 and Type 2 audits with zero exceptions. I am also responsible for collaborating closely with leadership, DevOps, QA, and 2 Product teams.

Tech Stack: docker (Linux) interoperable, Azure, dotnet, EF Core, MediatR, MS SQL, React-Native, TypeScript, JavaScript, Blazor, MS Test, JMeter, NSWAG, CosmosDB/MongoDB, Azure Queues, websockets/SignalR, dotnetbenchmark, JetBrains dotTrace + dotMemory, MS Test + AutoFac, Gitflow, Telerik, BootStrap, Python

- Implemented integrations with over 30,000 auto parts distros.
- Generated API HTTP clients for 3 web client applications; saved thousands of hours maintaining code.
- Implemented Blue/Green Architecture allowing immediate deployment/rollback
- Led Unit Test coverage attaining 35k lines of coverage - MS Test - AutoFac, SonarQube
- Led load-testing efforts to prove scalability - JMeter with BlazeMeter
- Implemented LogRocket improving CS NPS scores by 30%.
- Led department of 45+, 2 years in a row with higher-than-average bonus payouts.
- Delivered a 50% reduction in time-to-market
 - Built and led the Scrum Leads team to track and Report metrics + SLA adherence
- Led multiple teams attaining 95% of biweekly commitments over 24 months.
- Provided daily updates to the leadership team.
- Led cross-functional departmental efforts ensuring organization-wide success.
- Maintained 13 infrastructure platforms/environments.
- Improved employee satisfaction (NPS) by 30%.
- Created and implemented a Release Process for all products.

Oncolens LLC <https://www.oncolens.com/>

Sr. Eng. & Team Lead March 2020 to September 2021

Healthcare HIPPA & ADA, Medical Data processing, EMR integrations, Scheduling, Marketing, Automation

Impact: 8,000 users, and 730 locations.

- Design, develop, implement, and maintain software including cloud architecture.
- Web app, mobile app, and microservice architecture, Dotnet, Dotnet core, C#, Javascript, Node, Typescript, ReactJS, Mysql, Postgresql, Dynamodb, DocumentDB, Swagger, Postman, DataDog, Logrocket, Real-time websockets with Pubnub and signalR

- Converted AWS to Terraform IAC reducing costs by \$200k/year.
- AWS solutions including scheduled serverless lambdas, DevOps, Automation, CICD
- Developed 2 government grant solutions informing cancer specialists of the newest treatments
- Integrated 2 major EMR systems - Athena and EPIC.
- Gathered acceptance criteria and converted the business logic to business value.
- Design, develop, implement, and maintain public-facing and internal applications and architecting real-time and cloud-based solutions using AWS.
- Led development on the Oncolens web app for, Scheduling management for admins & office staff, Oncology Data Analytics, Conferences, and Reporting, Electronic Medical Record EMR processing, and QA process, Administrative tools, Analytics, and data processing using .net core, NestJS, and AWS Lambda with MySQL and PostgreSQL.

Aveanna HealthCare <https://www.aveanna.com/>

Sr. Software Engineer & Team Lead March 2019 to March 2020

Healthcare HIPPA & ADA, Payroll, Scheduling, Medical Data processing

As an engineer, we processed millions of records from 5 major EMR systems accounting for processing several billion dollars in patient care annually. With 80,000 caregivers at around 150 office locations. Two apps were published to the App Store and the Play Store. I led multiple teams from project inception to full public release.

Impact: Built to scale - 80,000 users

- Design, develop, implement, and maintain software, including architecting real-time and cloud-based solutions using AWS and Azure.
- Dotnet, Dotnet core, C#, Javascript, Node, Typescript, ReactJS, SQL Server, Mysql, Jitterbit, Windows background processes, Swagger, Postman, NewRelic, App Dynamics, Sentry, Logrocket, Sockets with socket.io: real-time chat and notifications, AWS solutions including serverless lambdas
- Gathering acceptance criteria and converting the business logic to business value.
- Integrated with 5 major EMR systems.
- Built two React-Native mobile apps on IOS and Android for scheduling and tracking time
- Built a web portal: Scheduling management for scheduling in-home healthcare visits, Time tracking and shift management for nurses, Electronic Medical Record EMR documenting and processing, and QA process, including Administrative tools
- Implemented data analytics and processing with .net core and SQL
- DevOps, Automation, Continuous Integration, and Continuous Delivery: design implementations using Azure pipelines, and AWS tools.

EleadCRM / CDK Global <https://www.lead-crm.com>

Sr. Software Engineer & Architecture Team August 2013 to March 2019

Genre: Web Platform, CRM/Customer Relationship Management

Released innovative sales tools in the Automotive Industry leading to over \$15 million in sales within the first year.

- Responsible for everything in SDLC from idea to public release.
- Gathering acceptance criteria and business logic.
- Design, develop, implement, and maintain public-facing and internal SaaS applications, including existing legacy web APIs.
- Code, document, test, and automation:
- Dotnet, Dotnet core, C#, Javascript, Node, Typescript, ReactJS, SQL Server, Mysql, Jitterbit, Windows background processes, Selenium, Nunit, Cypress, Chai, Jasmine, Wallaby, Browser Stack, Fiddler, Swagger, Postman, NewRelic, Use of Web workers, Service workers, sockets with socket.io and SignalR, Use of HTTPS, Pop3, SMTP using Twilio API, and on prim f5 load balancing
- Received 6 National Automotive Dealership Association awards
 - May 2016: 2 Platinum awards CRM and digital marketing platforms
 - April 2017: 2 Auto Website Awards (AWA) for CRM and Service Drive-Gravity
 - March 2018: Sales Process Award and a Vanguard Award for Dealbuilder
 - Real-time quotes; calculations with taxes to the penny for all 50 states
 - The Vanguard Award: A new category, for leading the way and innovating in the automotive industry.

Pharmedio Inc. CRM <https://www.crunchbase.com/organization/pharmedio-inc>

Team Lead Developer March 2012 to August 2013

Web Platform, CRM/Customer Relationship Management

Full-stack development, as a developer released innovative sales tools in the Pharmaceutical and Medical Industry that led to \$10 million in sales in the first year.

- Design, develop, implement, and maintain public-facing and internal SaaS applications.
- Code, document, test, and database design as needed. Investigated and solved live production issues for public-facing web applications.
- Use of PHP, CakePHP, JS, HTML, CSS, and MySQL
 - I innovated and implemented features and standards of CakePHP 3.0 used today.

Mogobox.co LLC: <http://mogobox.com>

Tech Lead Developer January 2011 to August 2015

Web Store Front

- Design, develop, implement, and maintain public-facing and internal SaaS applications.
- Code, document, test, maintain, and enhance existing web applications and APIs.
- Use of Magento, PHP, JS, HTML, CSS, and MySQL

Core Computer Solutions LLC

Owner/Manager/Developer January 2009 to March 2012

Service

With a passionate team of 7, I contracted custom hardware designs & software solutions internationally. We served companies in the medical industry ranging from gynecologists to veterinary clinics.

EDUCATION

- B.S. Computer Science, University of Southern Mississippi | 2014
 - Focus - software engineering and security.

Certifications

2022 Leading SAFe Agile Course (5.1) | <https://www.linkedin.com/in/kylerebstock>

2018 Machine Learning And AI Foundations: Recommendations | <https://www.linkedin.com/in/kylerebstock>

2017 Shaping Up With AngularJS | <https://www.linkedin.com/in/kylerebstock>

2015 ReactJS Certified (top 10th %) | <https://www.testdome.com/cert/70c02f1450d84d6c919d6f29a3921269>

2015 C# Certified (top 10th %) | <https://www.testdome.com/cert/bf79a61215594c69b6b1a8fccbf90d1e>

Scholastic Awards

Curricular

- Dean's List
- Awarded STEM Scholarship

Extracurricular

- Alumni & Active member of the ACM

USM, Air Force Reserve Officer Training Corps:

- Awarded Top Performer 3 years in a row.
- Tested in the top 10% on the AFOQT (Air Force Officer Qualifying Test)
- Offered a highly competitive slot for training as an LT in the US Air Force which I turned down to focus on my B.S. in Computer Science.