

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 TS/JS/node, Dotnet, Microsoft technologies
- 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+

ACHIEVEMENTS

- Awarded 6 times publicly by the National Automotive Dealership Association.
- Guiding 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 per year around 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

<u>Proficient</u>	<u>Experienced</u>	<u>Familiarity</u>
<ul style="list-style-type: none">• C#, .NET, MVC, .NET Core, MSSQL• Azure, CI+CD, AWS• MySQL, NoSQL, Postgres• Blazor, Razor, ASP.Net, OOO• React, Typescript, Javascript• ES5 - ES7, Node, Express, TDD	<ul style="list-style-type: none">• T-SQL, Docker, Jira• PowerShell, bash, Unix• CSS, SASS, LESS• TFS/VSTS• Functional Paradigm• Angular, CWE	<ul style="list-style-type: none">• GraphQL, Unity 3D• Django, Python, Ruby• M. Learning with tensorflow.js• Robotics with Johnny-Five JS• Elm, F#, C++, C, Java• Elastic Search, Solr Search

EXPERIENCE

Driverse a DRB Systems Company www.driverse.com

Sr. Eng. Manager | Sr. Engineer for 8 months 09/2021 to Present

Impact: Processed over 10,000,000 records/sales for our primary Enterprise customer Take5/DrivenBrands at over 1000 stores, over 300,000 monthly, and over \$50 million gross in 2 years from the inception of the Driverse Shop, Lube, & Sales solutions.

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

- Implemented integrations with over 30,000 auto parts distros.
 - dotnet, MS SQL, CosmosDB, PartsTech 3p vendor, NSWAG generated C# httpclients
- Generated NSWAG 2 API HTTP clients for 3 web client applications
 - Saved thousands of hours maintaining code.
- Implemented Blue/Green
 - Immediate deployment/rollback; zero downtime
 - Azure - App Services, MS SQL, CosmosDB, Blazor, C#, blob storage, browser storage, Swagger, Azure Monitoring, Azure Workbooks
- Led Unit Test coverage efforts attaining 35k lines of coverage
 - MS Test - AutoFac
- 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.
 - SonarQube, SonarLint, CWE, and vulnerability management
- Delivered a 50% reduction in time-to-market
 - Reports velocity, throughput, lead time, defect, burndown, downtime, and SLA adherence
- Led multiple teams attaining 95% of biweekly commitments over 24 months.
- Provided daily updates to the leadership team.
- Delivered on SOC 1 Type 1 and Type 2 Audits with 0 exceptions or CUECs.
- 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 03/2020 to 09/2021

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

Impact: 8,000 users, and 730 locations.

- Converted an entire AWS infrastructure to Terraform in 1 year reducing costs by \$200k/year. - Leading role involved with Infrastructure, DevOps (AWS), Engineering, and QA Automation.
- Completed 2 government grants to help inform cancer specialists of the newest technologies for treating patients more successfully.
- Implemented design, architecture, and integrations with 2 large Electronic Medical Records (EMR) systems including Athena and EPIC.
- Led the efforts for a mobile app on IOS and one Web App built with a Microservice Architecture on dotnet/.net
- Led development efforts on the Oncolens web portal consisting of
 - 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.
- 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.
- DevOps, Automation, Continuous Integration, and Continuous Delivery: design implementations using Azure pipelines, and AWS tools.
- Code, document, test, and automate:
 - Dotnet, Dotnet core, C#, Javascript, Node, Typescript, ReactJS
 - Mysql, Postgresql, Dynamodb, DocumentDB
 - Swagger, Postman, DataDog, Logrocket
 - Real-time websockets with Pubnub and signalR
 - AWS solutions including scheduled serverless lambdas.

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

Sr. Software Engineer & Team Lead 03/2019 to 3/2020

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

4,000 caregivers, 26 locations, and over 100 million dollars of medical records and payroll data being channeled through the application workflows. 80,000 caregivers at around 150 office locations throughout the United States

account for processing several billion dollars in patient care annually. Both apps published to the App Store and the Play Store. I lead the teams from project inception to full public release.

Impact: Built to scale - 80,000 users

- Contributed to the design, implementation of architecture, and integrations with several large Electronic Medical Record (EMR) systems.
- Two React mobile apps on IOS and Android for scheduling shifts and tracking time for caregivers.
- One Web portal consisting of:
 - 1.1 Scheduling management for scheduling in-home healthcare
 - 1.2 Time tracking and shift management for nurses
 - 1.3 Electronic Medical Record EMR documenting and processing, and QA process
 - 1.4 Administrative tools
- Analytics and data processing using .net core background processes and Jitterbit with SQL server and MySQL.
- Gathering acceptance criteria and converting 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.
- DevOps, Automation, Continuous Integration, and Continuous Delivery: design implementations using Azure pipelines, and AWS tools.
- Code, document, test, and automation:
 - 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.

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

Sr. Software Engineer & Architecture Team 08/2013 to 03/2019

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 some 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 and calculations with taxes to the penny for all 50 states, including city and zip code.
 - The Vanguard Award was a new category that year, given to a product leading the way in new developments for the automotive industry.

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

Team Lead Developer 03/2012 to 08/2013

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
 - Implemented some features and standards of CakePHP 3.0 used today.

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

Tech Lead Developer 1/2011 to 8/2015

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 1/2009 to 3/2012

Service

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

EDUCATION

- B.S. Computer Science, University of Southern Mississippi | 2013
 - 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.