[filip szalewicz](#) | [fszale@gmail.com](#)

Filip Szalewicz – VP of Engineering

Key Capabilities

- Builds effective engineering teams
- Reliable executive partner
- Innovation driver
- Optimizes for time and value
- Creates order out of chaos

Competencies

- Moves fast, automates everything, builds foundational products, mentors people, focused on growing business revenue, risk mitigation and cost optimization
- Force multiplier for engineering teams
- Transformational innovation leader dedicated to lean product development
- Invented and implemented multiple platform systems directly responsible for 10+ millions in revenue and growing
- Broad range of experience in leading cloud platforms and technologies
- AWS Certified Architect and Developer
- Advanced engineering work experience with Big Data, Rules Engines, Machine Learning
- Experienced developing and managing local and remote engineering teams
- Small business owner

Technical Skills

Strong

- Java, Node.js, Python, C#, JavaScript, Groovy, PHP, HTML, CSS, AWS, GCP, Drools, Rules Engines, Code Generators, SQL Server, NoSQL DBs, Mulesoft, REST, Integrations, APIs, Full Stack, MVC, Serverless, Architecture, Debugging, Big Data ETL, Data Fusion, Airflow, Hadoop, Spark, Hive, Unit Testing, Performance Monitoring, Security, Frameworks,

Configuration Driven Development, Agile, Scrum, TDD, InRule, PB Spectrum, CI/CD, Maven, Data Lake, Data Warehouse, CircleCI, Sagemaker

Knowledgeable

- Linux, C++, Grails, Docker, ServiceNow, Salesforce, Angular, IIS, Apache, Machine Learning, SEO, Mobile Development, Azure, WordPress, Heroku, TFS, Cloudera/Hortonworks Data Platform

Soft Skills

Strong

- Executive Advisor, Strategic Thinking, Sales Support, Transformational Leadership, Consensus Building, Lean Product Development, Product Design, Mentoring, Communication, Technical Innovation, Requirements Gathering, Presentations, Startup Experience, Problem Solving, Project Management, Time Management, Detail Oriented, Production Support, On Time Delivery, Multitasking, Client Advocate

Knowledgeable

- Business Planning, Product Marketing, Lead Origination, Cold Calling, Sales, Process Improvement, Relationship Building, Public Speaking, Content Publishing, Persuasion, Data Analytics, Digital Marketing, Finance, Mortgage Process, Automotive, Medical Billing, EMR, eCommerce, Insurance, Steel, Manufacturing, SaaS, Expense Recovery

Experience

Shoptelligence, Ann Arbor, MI

Vice President of Engineering from February 2022 - Present

- Expanded omni-channel platform with two new products, email content recommender for digital campaigns and an in store product recommender experience.
- Delivered data lake and initiated migration of advanced analytics and reporting to the trusted data warehouse.
- Delivered client portal to expand client success capabilities.
- Reduced operational expenses by 25%.

- Implemented metrics driven culture and reduced support issue occurrences to near zero.
- Improved issue resolution time by 500%.
- Assisted in the implementation of an Entrepreneurial Operating System (EOS) across the organization.
- Built a team focused on client support, big data, APIs and performance driven digital marketing.
- Responsible for technical innovation, transformational leadership, platform product development, mentoring engineers, solution architecture, full stack system development, project management, technical team leadership, management of remote engineering teams, deployment and client support of multiple SaaS products.
- Utilized a wide variety of tools and technologies across multiple projects; GCP - BigQuery, Data Fusion, MySQL, Kubernetes, Apigee, Airflow, Looker Studio, Python, Java, JavaScript and others.

West Monroe Partners, Chicago, IL

Senior Architect from September 2021 - February 2022

- Senior Architect focused on digital transformation, aligned with Data Engineering and Advanced Analytics Competencies, providing advisory services to six clients and private equity executives.
- Responsible for building advanced data capabilities for digital transformation clients, activities include client proposal development, project delivery management, consultant mentoring, SOWs, data lake and warehouse architecture, advanced analytics, leading discovery sessions, consensus building, strategy development across a wide range of clients, team building.

Rocket Mortgage (previously Quicken Loans), Detroit, MI

Team Leader Data Science until August 2021

Principal Software Engineer from March 2019, 2 years

Senior Software Engineer from March 2017, 2 years

- Team Leader for automated machine learning data science team at Quicken Loans, the #1 mortgage lender and servicer in the US, and one of the best technology companies to work for.

- Several of the big data projects I have engineered have a direct impact on growing revenue as well as cost savings in excess of millions of dollars.

- Built a team focused on automated machine learning platform for the Rocket companies.

- Responsible for technical innovation, transformational leadership, platform product development, mentoring engineers, solution architecture, full stack system development, project management, technical team leadership, management of remote engineering teams, deployment and support of multiple machine learning, cloud and big data initiatives across multiple companies that are part of the enterprise (family of companies).

- Performed as a consulting leader for multiple engineering efforts across Rocket Homes, Rocket Loans and Rocket Mortgage companies focused around big data pipelines, data lakes, data science and analytical projects.

- Performed as a primary engineer for multiple AWS based systems responsible for human resources management, loan, property and client master data management, lead generation, risk mitigation, ESB integrations, enterprise wide REST APIs, rules engines implementations and other projects.

- Performed as a primary engineer in the data science division, operationalized first enterprise data lake and machine learning as a service initiative. Architected platform systems framework and code generators for implementation across data science, big data ETLs and applied it in multiple production systems.

- Participated in the creation of and driving the implementation of a data fabric initiative to provide best sourced data across the enterprise, supported various internal communities, candidate recruitment, represented enterprise at conferences, assisted in development of enterprise cloud standards, ESB integration standards, SOA implementations, created engineering training materials, driving the adoption of push button model deployment and continuous integration and delivery for the data science division.

- Personally mentored and trained dozens of engineers (and multiple business analysts) on configuration driven design, functional programming, rules engines, big data ETLs, Spark programming, performance optimization, code generators, code reuse and personal development, 2020 winner of the "Special Achievement - Automate All the Things" company award.

- Utilized a wide variety of tools and technologies across multiple projects; AWS – Cloud Formation, Dynamodb, SQS, Glue, IAM, Lambda, EC2, ElastiCache, API Gateway, VPC, SageMaker, and others, Mulesoft Gateways and ESBs, Pitney Bowes Spectrum, Cloudera /

Hortonworks Data Platform, IBM DSX, Zeppelin, Jupyter, Java, C#, Python, Groovy, Node.js, Tomcat, Drools, Spark, Hadoop, S3, Hive, Ranger, HBase, NiFi, Oozie, InRule, Yarn

360ofme Inc, Royal Oak, MI

CTO from March 2016 – March 2017

- Principal Engineer at a startup organization providing the first comprehensive platform with the purpose of managing, securing and controlling the data of you. Product has been officially demonstrated at Dreamforce 16 in San Francisco.

- Responsible for solution architecture, full stack system development, systems deployment and support, technical vendor management, local and offshore team management, mentoring junior engineers, development of framework and various components, including but not limited to REST APIs, web client, server side workers, integrations with a variety of AWS services (S3, Key Management, Lambda and others), SnapLogic, DicomGrid, Salesforce instances, IBM Watson APIs integration and more. Solution is developed primarily with Node.js utilizing HAPI, Express, Angular, MongoDB, Postgresql, RabbitMQ, Salesforce APIs (Apex). Mobile clients have also been developed utilizing ionic framework. The production environment consists of AWS and Heroku utilizing a variety of Heroku add-ons. Architected and developed a unique security implementation to protect the data at all stages including real time transaction monitoring, evaluated the solution for patent filing. Implemented a continuous product delivery process with nightly builds and relies on strong unit testing practices. Solution has been successfully demonstrated at Dreamforce 16.

Solid Cage Inc, Macomb, MI

Principal Software Engineer, Owner from September 2009 – Present

- Principal Engineer at a local provider of business websites, web and mobile application development and custom SaaS software development.

- Responsible for solutions architecture and application development, management of resources and customer support.
  - Interacts with project managers, users and business owners to gather and analyze system requirements.
  - Determines project scope, developed project estimates and time lines.

      ○ Managed full project life cycle including customer support.

Patents

- [System, method and apparatus for conducting secure online monetary transactions](#)
- [Optical Disc](#)

Certifications

- Amazon Certified Associate Developer, 03/2018
- Amazon Certified Associate Architect, 04/2018
- Microsoft Certified Professional in Analyzing Requirements and Defining Solution Architectures, 05/2000

Education

- **University of Phoenix** Bachelor's degree in Information Systems Management, incomplete
- **Oakland Community College** Associate's degree in Computer Information Systems
- **Udemy, acloud.guru** Wide variety of courses completed

Public

- Github Profile: https://github.com/fszale
- Published Thoughts : https://medium.com/@filipszalewicz
- YouTube Channel: https://www.youtube.com/@Control-The-Outcome
- Consulting Business: https://www.solidcage.com