Filip Szalewicz

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VP of Engineering

Key Capabilities:

- **Team Building**: Constructed and scaled engineering teams from 2 to 50+ members
- **Executive Partnership**: Advised C-level executives, enhancing strategic decisions
- **Innovation**: Led development of 2+ groundbreaking products increasing company revenue by $10M+
- **Optimization**: Reduced operational costs by 25% through process automation
- **Organization**: Managed many complex projects, delivering major releases on time and budget

Competencies:

- **Agile & DevOps**: Implemented CI/CD pipelines, reducing deployment times by 75%+
- **Cloud Architecture**: Certified AWS Architect & Developer, managed cloud migrations for 4+ companies
- **Big Data & AI**: Engineered petabyte scale data lakes, data warehouse and ML solutions, costs saving $2M+ yearly
- **Leadership**: Mentored 50+ engineers, accelerated may deliverables while improving team productivity
- **Entrepreneurship**: Founder of a tech solution provider, serving 50+ clients

Technical Skills:

Strong:

- **Languages**: Java, Python, Node.js, JavaScript, C#
- **Cloud Services**: AWS (EC2, S3, Lambda, RDS), Google Cloud Platform (GCP) - BigQuery, Kubernetes
- **Data Technologies**: SQL, NoSQL (MongoDB), Hadoop, Spark, Airflow, Big Data ETL

- **Development**: Full Stack, MVC, RESTful APIs, Microservices, Serverless Architectures
- **Practices**: Agile, Scrum, Test-Driven Development (TDD), Continuous Integration (CI), Continuous Deployment (CD)
- **Tools**: Docker, Kubernetes, Terraform, Git, Jenkins, Ansible

Knowledgeable:

- **Front-End**: React, Angular, Vue.js
- **DevOps**: Linux, Bash scripting, Azure, Heroku
- **Machine Learning**: VertexAI, TensorFlow, PyTorch, SageMaker

Soft Skills:

Strong:

- **Leadership**: Directed cross-functional teams of up to 50+ members
- **Communication**: Conducted over 100+ presentations to stakeholders, enhancing project buy-in
- **Problem-Solving**: Developed solutions that cut down issue resolution time by 500%
- **Project Management**: Managed many projects, delivered on or before deadline
- **Data Analysis**: Developed many analytical projects, executive decision support systems and operational reporting

Knowledgeable:

- **Business Development**: Generated $1M+ in new business through strategic partnerships

Professional Experience:

Shoptelligence, Ann Arbor, MI
Vice President of Engineering
February 2022 - Present

- Expanded platform capabilities by launching 2 new products, delivered 1M+ ARR
- Implemented data lake, data warehouse, migrated analytics, reducing data retrieval time from 3+ weeks to 1 day
- Cultivated a metrics-driven culture, reducing support tickets by 500%

- Integrated Entrepreneurial Operating System (EOS), boosting company operational performance and achieving profitability in under 3 years

West Monroe Partners, Chicago, IL
Senior Architect
September 2021 - February 2022

- Advised 6+ clients on digital transformation, focusing on analytics and data management strategies, 115%+ utilization rate

Rocket Mortgage, Detroit, MI
Team Leader Data Science
Until August 2021
Principal Software Engineer
March 2019 - August 2021
Senior Software Engineer
March 2017 - March 2019

- Directed ML initiatives for Rocket companies, achieving a 10%+ increase in closed loan volume
- Architected data platforms used by Rocket Mortgage and the sister companies, delivered $1M+ cost savings

360ofme Inc, Royal Oak, MI
CTO
March 2016 - March 2017

- Developed security-focused data platform, showcased at Dreamforce 16 to 150K+ attendees

Solid Cage Inc, Macomb, MI
Principal Software Engineer, Owner
September 2009 - Present

- Sold and managed delivery for 50+ projects, achieving a 95% client revenue retention rate, 1M+ revenue

Patents:

- System, method, and apparatus for secure online transactions

- Optical Disc design

Certifications:

- Amazon Certified Associate Developer (03/2018)
- Amazon Certified Associate Architect (04/2018)
- Microsoft Certified Professional (05/2000)

Education:

- **University of Phoenix** - Information Systems Management
- **Oakland Community College** - Associate's Degree in Computer Information Systems
- **Udemy, acloud.guru** - Courses in Cloud Computing, Docker, Kubernetes

Public Profiles:

- **GitHub**: github.com/fszale
- **Medium**: medium.com/@filipszalewicz
- **YouTube**: youtube.com/@Control-The-Outcome
- **Consulting**: solidcage.com