

Mohammad Oweis

Director of Engineering

San Diego, CA / Remote

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Summary

Results-driven Director of Engineering with over 8 years of experience leading multiple diverse, distributed engineering teams to deliver innovative solutions and over 15 years of Software Engineering experience. Skilled in strategic planning, process optimization, and team development, I am passionate about driving technological advancement and exceeding business objectives.

Education

University of Pennsylvania / *Computer Science and Mathematics*

Skills

Cloud Services (AWS, GCP), Distributed Systems, People Management, Technical Leadership, Software Architecture, Full-Stack Development (SQL, NoSQL), Polyglot (Java, Python, Golang, Typescript, Scala), Communication

Professional Experience

Lark Health / *Director of Engineering*

2021 - 2024

- Provided strategic direction to 4 Teams of 25 Engineers, overseeing the development and execution of product roadmaps and engineering initiatives.
- Drove cross-functional collaboration with product management, design, and other stakeholders to deliver high-quality products on time and within budget
- Implement agile methodologies and continuous integration/continuous deployment (CI/CD) pipelines to improve development efficiency and time-to-market
- Collaborated with senior management across Organization to define technology strategies aligned with business goals and market trends
- Increased User Signup Rate by 500%
- Resolved 90% of Customer Support Tickets, decreasing average resolution time by 95%
- Raised Development Velocity by 30%, measured with velocity metrics
- Technologies: Typescript, Golang, Java, Python, Scala, RDBMS, NoSQL, Elasticsearch, Redis, AWS, GCP

Zesty.io / *Director of Engineering*

2018 - 2021

- Managed 2 teams of 8 engineers in the development and maintenance of CMS-related products
- Conducted regular performance reviews, provided feedback, and identified opportunities for skills development and career advancement
- Reduced microservices response time by 1000%

- Designed and oversaw improvements to infrastructure and SLAs to ensure >99999% Uptime
- Technologies: Golang, PHP, Python, Typescript, AWS, GCP, Elasticsearch, Redis, RDBMS, NoSQL

Zesty.io / Senior Engineering Manager

2017 - 2018

- Established and enforced engineering best practices, coding standards, and quality assurance processes to ensure the delivery of robust and scalable software solutions
- Implemented agile methodologies and participated in sprint planning, backlog grooming, and retrospective meetings

ThreatConnect / Lead Engineer

2016 - 2017

- Lead a team of software engineers, providing guidance, mentoring, and technical direction to ensure the successful delivery of projects on time and within budget
- Architected scalable and maintainable software solutions, utilizing best practices and modern technologies to meet business objectives
- Technologies: Java, Python, Typescript, AWS, GCP

The Advisory Board Company / Lead Engineer

2105 - 2016

- Led a cross-functional team of software engineers and QA testers in Development
- Defined project goals, milestones, and deliverables, and managed the project schedule and resources to ensure timely delivery
- Technologies: Python, Typescript, AWS, GCP, RDBMS, NoSQL

EvenUp / Senior Software Engineer

2014 - 2015

- Designed and managed 8 Backend Services
- Actively participated in Agile ceremonies, to track progress and identify areas for improvement

Accenture Federal Services / Senior Software Engineer

2012 - 2014

- Wrote the [Subsidized Loan Calculator](#) on StudentAidgov
- Taught Java certification class from Oracle to Engineers

NextGen Metabolomics / Software Engineer

2010 - 2012

- Created functionality to perform two-phase Mass Spectrometry using OpenSource libraries
- Worked with CEO to develop new algorithmic alternatives in order to leverage current hardware restrictions