

# MEHDI AMIRI

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## EDUCATION

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**UNIVERSITY OF SAN FRANCISCO, School of Management**  
**M.S., Entrepreneurship & Innovation (STEM)**

**San Francisco, CA**

August 2024

- Power BI, Enterprise Software, Contemporary Technologies

**University of Shiraz**  
**B.S., Computer Science**

**Shiraz**

September 2022

- Relevant Courses: Data Structures, Algorithms, Advanced Programming, Operating Systems

## EXPERIENCE

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**Partner Element, Inc**  
**Software Engineer**

**Berkeley, CA**

June 2024-Present

- Drove deal detection on **supply chain** platform from **30%** to **82%** leveraging **Rails** and **Pandas**
- Expanded supplier database by **400%** from **1k** to **5k** operating **Crunchbase** and **Perplexity APIs** by matching **ZipHQ, Netsuite** suppliers to system, improving procurement accuracy with **Ruby, SQL**
- Processed **60K** user data CSV rows with **SageMaker**, boosting data accuracy and reliability by **40%**
- Accomplished **90%** **code reliability** with **RSpec** by implementing **1k+** **unit tests**

**RaaP, Inc**  
**Software Engineer**

**San Francisco, CA**

September 2023-July 2024

- Established a full-stack platform from **ground up** with **React, Redux, and Express.js**, reducing hotel construction planning delays by **90%** and improving operational efficiency across **50+** projects
- Achieved **99.9% uptime** and cut costs by **30%** through **AWS (EC2, RDS)** deployment
- Streamlined **30+** deployments with **Jenkins** and **Jest**, cutting release time by **70%** and errors by **50%**

**Rexcer, Inc**  
**Co-Founder, CTO**

**Shiraz, FA**

June 2019-July 2023

- Built a **global B2B marketplace with verified suppliers**, boosting procurement efficiency for **150K** buyers and growing partnerships by **500%**
- Achieved **70K+** **installs** on **Google Play** by developing a **React Native** app **from scratch**
- Reduced backend processing time by **40%** using **Python asyncio, AWS Lambda, and Docker**
- Increased user retention by **65%** (**from 24,500 to 40,950**) by implementing real-time messaging and media sharing with **Firebase, AWS S3, and OAuth**

## PROJECTS

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**Let's Sale**

November 2022-March 2023

- Developed an Android app for wholesale product sales, integrating real-time data synchronization with **Firebase** and optimizing product search using **Elasticsearch** to streamline B2B transactions

**Twitter Interaction Circle**

April 2022-August 2022

- Developed a web app to visualize Twitter interactions, leveraging the **Twitter API** for real-time data fetching. Implemented user authentication and data processing with **Python**, and built an intuitive front-end using **Typescript** to display interaction patterns

## SKILLS

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- **Languages & Frameworks:** Python, Ruby, TypeScript, Node.js, FastApi, Django, Rails, React.js, React Native, Redux, GraphQL, RESTful APIs, HTML/CSS
- **Databases:** MySQL, PostgreSQL, MongoDB
- **DevOps:** AWS, Docker, Jenkins, Linux, Git, Sentry