

Ali Khosro

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Resume Website Github Stackoverflow

Hands-on Skills

- Programming Languages: Python, JavaScript, Go, Rust, R
- Machine Learning: Statistical Analysis, Deep Learning, Pandas, ScikitLearn, TensorFlow, NLP, PySpark
- MLOps: GCP, AWS, NoSQL, Cloud Transformation, Big Data Architecture, Microservices
- Delivery Management: Agile, eXtremen Programming, Solution Architecture, Git

Recent Work Experience

- Data Science Manager, Capgemini, Seattle WA, November 2021 - September 2022
 - Led a team of data scientists and data engineers to deliver marketing analytics
 - Architected multiple Data Science solutions that increased productivity and reduced costs
 - Established trunk-based monorepo CD/CI on GCP platform
 - Led the cloud transformation from AWS to GCP for MLOps projects
- Data Science Manager, Infosys, Seattle WA, August 2018 - November 2021
 - End-To-End ownership of the analytics data domain from design to microservices
 - Led a team of engineers to redesign and transform microservices
 - Architected and developed a real-time solution based on Cassandra, NodeJS, Kafka, and Apigee that reduced latency, cost, and bugs
 - Established an infrastructure for analytic solution based on Jupyter, Python, and Tableau
- Senior Data Scientist, Accenture, Seattle WA, December 2016 - July 2018
 - Developed internal ML solutions for bug prediction, smart ticket routing, and fraud detection
 - Led a team of developers to implement and deploy the ML solutions
 - The fraud detection solution saved millions of dollars by facilitating the auditing process
- Data architect, Pointmarc, Seattle WA, January 2016 - July 2016
 - Developed a data warehousing and visualization solution for Fortune 100 client
- Researcher and Instructor, Various Schools and Colleges, August 2006 - December 2014
 - Courses: Statistics, Public Economics, Financial Economics
- Project Management Engineer, Ashena LTD, Tehran Iran, May 2003 - July 2005
 - Established a central web-based project management system

- Assisted our project managers in planning, resource allocation, and tracking of their petrochemical projects

Education

- ABD in Economics, Northern Illinois University, 2015
- MA in Statistics, University of Illinois, 2010
- MBA, Sharif University of Technology, 2005
- BS in Industrial Engineering, Sharif University of Technology, 2002