

PREM URALI

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Generative AI Author: jenz.ai



Hands-on Software Engineering Leader

I am a hands-on software developer turned engineering leader with deep expertise in Generative AI and cloud. I am an AWS Certified Architect. I have a proven track record in delivering large-scale software projects.

I am looking for a hands-on leadership role to build an AI product that touches at least 100 million users and \$100 million in revenue.

AREAS OF EXPERTISE

Senior leader and manager
Scale-up expert
Relentless team collaborator
Hands-on knowledge

Generative AI Expert
Hands-on AWS Expert
Mobile App Experienced
Multi-industry

Founded/grew/exited to Microsoft
Founded/grew/exited to ZeOmega
Shipped 6 products at Microsoft
Shipped 4 more software products

GENERATIVE AI PROJECTS

Jenz.ai / The School of Gen AI - Launched Jan 2024

Author of the world's first Generative AI glossary <http://jenz.ai/glossary>. Published 8 original articles and 1 glossary of 90 Gen AI terms. Total investment of over 400 hours of research and writing.

Chemical Distributor Customer (unnamed)

Using GenAI in secure discovery and fulfillment of regulatory compliance and specification documents. GenAI is being applied in Conversational AI context.

Call Center Customer (unnamed)

Using Amazon Connect, DynamoDB, Lambda and S3 to deliver a call center routing solution. GenAI is being applied in development and in Conversational AI context.

PROFESSIONAL EXPERIENCE

Venform LLC / Chief Software Engineer

Jan 2017 - Present, Bellevue, WA

I architected and wrote the entire backend database (DyanamoDb) and RESTful API in Python for a call routing SaaS solution designed to handle 1,000,000 phone calls a day.

I am currently architecting a Generative AI based smart document fulfillment system for a chemical industry customer.

In addition, I have delivered: Mobile, AWS Cloud, Call Center, Conversational AI, Generative AI solutions. Earned 100% 5-star reviews on AWS IQ, Amazon's invitation-only consultant market.

HealthUnity Corp / CEO; ZeOmega / SVP

Oct 2004 - May 2016, Bellevue, WA

Founded, raised venture capital, led and exited healthcare IT software company. Customers included Stony Brook University Hospital System, Medstar Health System, Erickson Living and Sage Healthcare. Built and managed a multi-national team of over 40 staff members. Raised venture and private investment of over \$5 Million. Acquired by ZeOmega.

Microsoft Corp / Group Manager

Dec 2000 - Sept 2004, Redmond, WA

Led a team of over 30 staff engineers and about 80 contract staff. Took 6 products from concept to development to revenue, contributing to an estimated \$250 Million lifetime revenue. Member of the management bench program for high performers on VP track.

Commercia Corp / Founder, CEO

Apr 2000 - Nov 2000, San Mateo, CA

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Designed and built ecommerce and supply chain software. Acquired by Microsoft.

Petopia.com / CTO

Aug 1999 - Apr 2000, San Francisco, CA

Built and led a team of over 100 software developers, UI and UX designers and IT operations team. Helped raise over \$80 Million in venture capital.

Microsoft Consulting Services / Principal Consultant

Jun 1995 - July 1999, Foster City, CA

Youngest person in Microsoft Consulting to be promoted to Principal Consultant delivering for Microsoft customers such as Gap, Sumitomo Bank, Bank of America and Verisign. First consultant to be triple certified: Certified Systems Engineer, Developer and Trainer.

ADDITIONAL ROLES: Gateway / Data Communications Engineer, North Sioux City, SD

EDUCATION

The Wharton School, University of Pennsylvania, Philadelphia, PA
Master of Business Administration

Iowa State University, Ames, IA
Master of Science (Thesis), Computer Engineering

Anna University / Government College of Technology, Coimbatore, India
Bachelor of Engineering in Electronics and Communication Engineering

PROFESSIONAL CERTIFICATIONS

AWS Certified Solutions Architect (Associate) (Nov 2022 - Nov 2025)

<https://www.credly.com/badges/c351047c-e945-42ad-a018-3704360022fa>

AWS Certified Cloud Practitioner Oct 2022 - Nov 2025

<https://www.credly.com/badges/0465b52a-5868-457d-b547-2ebddfe58dc7>

Stanford Online / Machine Learning (Aug 2017) by Andrew Ng. Comprehensive introduction to Machine Learning.

<https://www.coursera.org/account/accomplishments/verify/6ZJJVS7AV4WB>

Deeplearning.ai / Neural Networks and Deep Learning (Oct 2017) by Andrew Ng. Specialized course in deep learning.

<https://www.coursera.org/account/accomplishments/verify/SSY8HSSZCZ86>

Deeplearning.ai / Generative AI with Large Language Models Oct 2023 (progress) by Andrew Ng/AWS. Specialized course in Generative AI

SOFTWARE PRODUCTS

Microsoft BizTalk Server Accelerators: Dec 2000 - Sept 2004, Redmond, WA

Led 6 server products from concept to development to successful implementation: BizTalk Accelerator for: Suppliers 1.0, RosettaNet 2.0, HIPAA 2.0, Financial Services 1.0, HL7 1.0, SWIFT 2.0

HealthUnity Health Information Exchange (HIE) and Analytics: Oct 2004 - March 2015, Bellevue, WA and Bangalore, India

Led from concept to development to successful implementation of Health Information Exchange Suite versions 1, 2 and 3

Primo Loop

Jan 2019 - Jan 2023, Bellevue, WA

Built a complete mobile demand generation solution: two mobile apps, a web app and a billing solution.

PERSONAL

I love yoga, hiking, biking, badminton and spending time with my family. I love coding in Python and teaching my kids.