

# FREDERICK FORESTER



RESEARCH & SOFTWARE DEVELOPMENT PROFESSIONAL

## CONTACT

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## SUMMARY

Visionary technologist with over twenty five years of experience in software development, Generative AI, and cross-functional collaboration. Proven expertise in architecting innovative software solutions, evaluating AI potentials, and driving corporate-wide adoption of transformative technologies. A longtime San Diego resident deeply committed to leveraging AI to craft state-of-the-art user experiences.

## EDUCATION

**BACHELOR'S DEGREE,**  
Organization Development  
Business  
University of Missouri (Mizzou)  
1978 — 1982

## SKILLS

|Professional

Leadership

Strategic Thinking

Team Building

Management

Relationship

Communications

Project

Budgeting

Software

Architecture

Development

Data Design and Modeling

Agile, CI/CD, DevOps

Biz Intel / Data Viz

## PROFESSIONAL EXPERIENCE

### Vice President R&D at ZOLL Data

ZOLL | 2021 — Present

- Founding member of a cross-divisional think tank advocating for innovative use of medical device data with AI for enhanced clinical decision support.
- Championed the transformative potential of Generative AI, leading to a corporate-wide call to action.
- Led the evaluation of Generative AI adoption across divisions, recommending tools like Microsoft's Co-pilot and identifying key use cases for development.

### Vice President R&D at Golden Hour a ZOLL Company

Golden Hour Data | 2004 — 2021

- Shaped the vision and development of the Golden Hour platform, a leader in the Air Medical Transport market.
- Co-authored core applications, promoting intellectual property growth and co-inventing on six patent filings in the emergency medical domain.

### Founder/CTO/CEO

Foremost Solutions, Inc. | 1997 — Present

- Managed development projects, including creating the "CornerOffice Suite" and implementing Enterprise Guidance Systems at leading corporations.

### CTO / Sr. VP Engineering

CMstat | 1995 — 1997

- Held key roles in technology, engineering, and customer support for a publicly traded Configuration Management Software subsidiary.
- Managed product data integration for major projects, including the F-22 Stealth fighter.

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## SKILLS

### | Technical

AI  
Python  
TensorFlow  
TensorFlow JS  
Generative AI  
Open AI API  
Java  
Tomcat  
Entity Management  
Oracle  
SQL Server  
PostgreSQL  
Javascript  
Angular X  
React  
XML  
JSON  
JSONB  
X12 EDI (Healthcare)  
NEMESIS  
Eclipse IDE  
VS Code IDE  
Git Flow  
JIRA  
Confluence  
AWS EC2  
AWS S3  
AWS Route 53  
AWS Lambda  
AWS RDS  
AWS DMS  
AWS Aurora  
AWS DocumentDB

## ACHIEVEMENTS

- Instrumental in the development and testing of NLP models deployed on smartphones using TensorFlow JS.
- Led the evaluation of CI/CD pipeline tools including DataRobot, Datalku, and HuggingFace for productizing AI models.
- Developed use cases and prototypes using large language models, fine-tuning GPT, BERT models, and more.
- Co-inventor on 6 patent filings related to NLP and Computer Vision in the Emergency Medical System domain.

## REFERENCES

### Alex Moghadam

ZOLL Data  
President  
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### Chuck Haczewski

Golden Hour Data  
President  
T: 858 735 2322  
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### Sonja Tsiridis

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### Rick Mosteller

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President / CEO  
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## PERSONAL

Resident of San Diego for 35 years, deeply connected with the local community and tech ecosystem.