TEERAWAT WUTTIWAT

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PROFILE

Senior software engineer with 20+ years experience in software development. Enjoy coding and domain modeling F# language.

EXPERIENCE

Freelance - 2019-Present; Bangkok, Thailand

1. Business Web-based application using F#, Fable, Akka and Azure

Develop web-based application using F# as major languages to all tiers.

a. F# and Fable in domain business logic

b. Fable to create frontend in F# before compile to Javascript

c. F# Akka as web scraping agent.

d. Store data in Azure

e. Display data in Excel using ExcelDNA and WPF.

f. Use Fable for Python

2. Construction Estimate Web-based application using F#, Safe Stack and SQL Server

a. F# and Safe Stack to create end-to-end web application using only F#

b. Store data in SQL Server

c. Domain modeling using F#

3. Event-streaming system using C, Python, F# and Azure

a. Create micro service in C and Python to consume event from EventHub and Kafka

b. Parse data using F#

Senior Software Engineer, F& Solution;Lombard, IL – 2006-2019

Work as an Outsource to Develop and Maintain F&I Asp.net Insurance Consult with Business Analyst to fulfill client requirements. Cooperate work between Thailand team and US Team in Chicago.

Tools used: ASP.NET, JQuery and SQLServer and JIRA

Software Architect, Terra Genesis;Chandler, AZ — 2003-2005
Design and develop GIS application for maintaining pavements and roads for Texas Department of Transportation.

Tools used: ArcGIS, ArcSDE, ASP.NET, Component Object Model, C++ and VB.Net

Research/Teaching Assistance, Oregon State University — 2001-2002
Assist in research and instruct Database and GIS course in computer science department. Develop web-based application for erosion prediction (WebRusle).

Tools uses: ArcSDE, C#, and ASP.NET

Software Engineer, Bangkok Bank; Thailand — 1999-2001
Develop C++ frontend application for Bank.

Tools used: Visual C++, MFC, ATL, and Windows Socket.

EDUCATION
Oregon State University,Corvallis,OR — MS. Computer Science,2001
Chulalongkorn University, Thailand — BS. Computer Engineer 1994