

# Scott M. Shie

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Experienced software professional with a demonstrated history working in all areas of software development and technology industries. Skilled in multiple programming languages, full stack and mobile development, resource management and business intelligence. Strong communication and interpersonal skills. Knowledgeable and dedicated professional with a Bachelor of Science (BS) focused in Computer Technology/Computer Systems Technology.

## DEVELOPMENT PROFICIENCIES

.NET (VB, C#, ASP) ▪ C++ ▪ C ▪ Java ▪ Python ▪ SQL ▪ MySQL ▪ Mongo ▪ HTML ▪ JavaScript ▪ CSS ▪ Node ▪ Android

## CORE COMPETENCIES

Full Stack Development (UI, Backend : Enterprise, Stand Alone : Desktop, Mobile, Web) ▪ OOP and Design ▪ Software Development Management ▪ Project Management ▪ Agile Development and Processes ▪ Business Requirements Analysis ▪ Systems Design ▪ Technical Writing

## PROFESSIONAL PROFILE

### Principal Software Developer

Entrust ▪ Shakopee, MN ▪ 2022 - Present

- ❖ Architecture and Development Team, Professional Services: Oversee design, architecture, development and resource/project management of projects relating to proprietary access control systems.
- ❖ Lead and mentor development staff within the CI Gov branch of the Architecture and Development team.
- ❖ Provide onsite technical assistance/implementation for international and domestic partners.
- ❖ Technical/Team Lead overseeing design, architecture, development and resource/project management for a US Correctional Department access system.

## Senior Software Developer

Entrust ▪ Shakopee, MN ▪ 2019 - 2022

- ❖ Solutions Delivery Team, Professional Services: working on domestic and international government access control systems.
- ❖ Provide development and implementation of custom software solutions including development of API, UI, backend and business logic processes, data access and manipulation, legacy system integration, prototyping of new systems and R&D.
- ❖ Developed and implemented a proprietary mailer and card (credit, debit, gift) production system for a regional bank client.
- ❖ Created a RESTful API (C#) and front end (Java, JavaScript) that is used with an international driver licensing system.

## Senior Software Developer

AerisWeather ▪ Minneapolis, MN ▪ 2011 - 2019

- ❖ Lead developer for Android mobile projects, API SDK for Android and Python.
- ❖ Development of backend controllers within proprietary Data Flow systems.
- ❖ Managed core systems on AWS including EC2 deployment, AMI and instance management, auto-scaling, S3 integration
- ❖ Managed source control through BitBucket and GitHub, continuous integration deployment using BitBucket Pipeline.
- ❖ Implemented IPaaS program with Zapier.
- ❖ Managed software development projects, provide technical advice for sales and support groups.

## Software Manager / Support Manager

La Crosse Technology ▪ La Crosse, WI ▪ 2007 - 2011

- ❖ Managed daily operations for Software Dev and Customer Support departments.
- ❖ Successfully deployed first of its kind IoT weather forecast device. Managed 24 month agile product development process from inception to release.
- ❖ Reduced customer support backlog by 84% in 60 days while reducing department financial footprint by 14%.

- ❖ Implemented alternate inbound interaction methodology to efficiently handle high volume of requests.

## Director of Information Technology

River Funding Corporation ▪ West Salem, WI ▪ 2006 - 2007

- ❖ Responsible for all IT department operations: network admin, resource management and department financial analysis. Active Directory, Exchange server, terminal and web servers, workstations, notebooks, etc.
- ❖ Increased network speed & stability by introducing load balancing/redundancy for terminal/web servers. Increased remote security by introducing VPN.
- ❖ Implemented metrics analysis reporting using ASP.NET/VB.NET.

## Application Systems / Program Analyst III

The Trane Company ▪ La Crosse, WI ▪ 2005 - 2006

- ❖ Application Lead for global sales estimation project. Coordinated transition from legacy C++ application to C#.
- ❖ Led design and implementation effort for next generation project enhancement. Integration of estimation application with fulfillment and service software modules.

## Intermediate Software Engineer

First Logic ▪ La Crosse, WI ▪ 2001 - 2005

- ❖ Architected reporting engine (C++/Python) and report suite for next-gen data analysis and cleansing application.
- ❖ Designed and implemented refactoring of UK mass mail correction application. Coordinated with Lockheed Martin and Royal Mail personnel to create a plan for design, coding, testing and implementation.
- ❖ Integrated series of performance modifications for volume keying application resulting in 68% increase in Tasks per Hour rate. Decreased specific postcode error rate to less than 1% system wide.

## EDUCATION HISTORY

1998 ▪ Herzing College of Technology ▪ Madison, WI  
Bachelor of Science, Computer and Electronic Technology

1993 ▪ Wisconsin School of Electronics ▪ Madison, WI  
Associate of Science, Electronic Engineering Technology