

# Shigeru KAWAGUCHI

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## PROFILE

Over twenty years of leading full-custom software development and system migration projects. Familiar with wide range of technology options and their pros and cons through experiences. A US citizen, fluent in English and Japanese.

## PROFESSIONAL EXPERIENCE

- Owner, Lamb Informatics Limited, Germantown, MD — 2005–Present
- CTO, DigiFlight, Inc., Washington, DC — 2000–2005
- Chief Scientist, Valtech, Inc., Bethesda, MD — 1997–2000

## ACCOMPLISHMENTS

- Designed and developed half a dozen full-custom enterprise mission-critical web/desktop/mobile application systems from scratch fitted to customers' particular business practices and requirements.
- Maintained and supported custom system operations, continuously modified and enhanced to match changes and expansions of customers' business practices and requirements as well as technological transitions.
- Recovered mission-critical data from failing hardware and obsoleted legacy systems, then were migrated to new systems.

## SKILLS

Translation of business requirements to technical solutions, full software development lifecycle and CI/CD. Object oriented design process with UML and CRC cards, multi-tier and distributed computing design. Network and systems administration.

## TECHNOLOGY SUMMARY

IAx86/AMD64, Apple Mac, Raspberry Pi, ARMv8, Arduino, MS Windows, Linux, BSD, macOS, Solaris, LDAP, Oracle RDBMS, FileMaker, MySQL, SQLite, MS SQL Server, MS Access, Informix, Sybase, Cloud, Docker Swarm, Portainer, Azure, VirtualBox, VMWare, AWS, BASIC, Xojo, C/C++, Java, PHP, Python, GRE/IPsec, OpenVPN, WireGuard, VyOS, VoIP, QoS, UniFi, Backblaze, rSync, IoT

## EDUCATION

- Worcester Polytechnic Institute, Worcester, MA — BSc in Biology 1997