

**AhavahPrem** RISEs to meet your IT needs

❖ **Reliability** | 🏢 **Integrity** | 🛡️ **Security** | ★ **Excellence**

## CORPORATE DATA

### 🏢 SAM:

🔗 UEL: RMHFBDTM4E28 | 🏢 CAGE: 0DCQ8

### 📋 NAICS:

💻 IT & Cybersecurity Services:

**541512 | 541511 | 541513 | 541519**

☁️ Cloud & Data Processing: **518210**

🧠 AI, ML & Research Innovation: **541715**

### 🌟 Socio-Economic Business Certifications:

🏢 CA Certified SB(Micro): **2042221**

### ✉️ Contact Information:

👤 CEO: **Murthy Pothuraju**

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🏠 **Thousand Oaks, CA 91320**

🌐 <https://www.ahavahprem.com>

👤 **Founder:** Murthy Pothuraju

### 🎓 Education:

**Master of Software Engineering**, Brandeis University, Waltham, MA

**Bachelor of Technology**, Electronics and Communication Engineering, NIT, Warangal, India

📅 **Experience:** 30+ years SDLC, cybersecurity, and cloud technologies

🏢 **Past Employers:** Solarflare (AMD), Oracle Utilities,

Symantec, Dell, Empirix, BCGI, ECIL

🚀 **Key Skills:** SDLC, AI/ML, Cybersecurity, Cloud Computing, IT Infrastructure

♦ **Leadership:** Led cross-functional and global teams and drove IT modernization for Fortune 500 companies

## CORE COMPETENCIES

🔒 **Cybersecurity Services** – 🛡️ Threat Detection & Response | 🛡️ Data Protection, IAM & Compliance | 🛡️ Vulnerability Management | 🛡️ Security Awareness & Governance

☁️ **Cloud Solutions** – 🚀 Cloud Migration & Modernization | 🔧 Cloud-Native Development | ⚙️ Security, Compliance & Governance | 📊 Optimization & Cost Efficiency

💻 **Custom Software Development** – 📄 Software Design & Development | ✅ Testing & Quality Assurance | 🔗 Systems Integration & Support | 🔄 Agile & Scalable Development

🧠 **Artificial Intelligence & ML** – 🧠 Machine Learning & NLP | 📊 Predictive & Prescriptive Analytics | 📁 Big Data & Data Mining | 🤖 AI Automation & Governance

## WHY CLIENTS CHOOSE AhavahPrem?

💡 **Expertise in Emerging Technologies** – Advanced capabilities in AI/ML, Cloud Computing, Cybersecurity, and Data Analytics, delivering cutting-edge solutions.

🏢 **Mission-Critical Services** – Specialized IT solutions tailored for government agencies, ensuring security, compliance, and operational efficiency.

🎯 **Experienced Leadership** – Over 30 years of IT and project management expertise, leading complex initiatives in both public and private sectors.

🏆 **Commitment to Excellence** – Adherence to industry best practices and federal standards, ensuring reliability, security, and innovation in every project.

## STRATEGIC PARTNERS



Google Cloud



Google for Government

splunk > **Partnervse**

**DELL** Technologies  
AUTHORIZED PARTNER

**stripe**



## OUR EXPERIENCE

### Securing High-Speed Financial Transactions for Cloudflare, NASDAQ, and NYSE

**Challenge:** High-frequency trading firms depend on sub-microsecond speeds, where even a 1ms delay can cause millions in losses. Network congestion, latency fluctuations, and cyber threats required an ultra-low-latency solution with 99.999% uptime and regulatory compliance.

**Solution:** As a Senior Engineer at Solarflare Communications (now AMD), the founder of AhavahPrem Software Corporation developed ultra-low-latency network solutions, reducing trading latency by 75% (10 $\mu$ s to 2.5 $\mu$ s), ensuring 99.999% uptime across 50+ global trading centers, and optimizing data processing by 40%, enabling 1M+ transactions per second for real-time trading. Additionally, the implementation of high-speed FPGA-based networking enhanced data integrity and reduced transaction failures by 99.9%, securing market transactions for Cloudflare, NASDAQ, NYSE, and other leading financial firms.

### Streamlining IT Deployment for Zurich Insurance, AIG, and MetLife

**Challenge:** Zurich Insurance, AIG, and MetLife, three Fortune 500 insurance providers, required an efficient and scalable IT deployment solution for over 150,000 employees across multiple global locations. Their existing legacy infrastructure led to delays, high operational costs, and inefficiencies, necessitating automation and modernization to improve system performance and reduce downtime.

**Solution:** As a Senior IT Specialist at Dell, the founder of AhavahPrem Software Corporation led efforts to streamline IT deployment, reducing deployment times by 60%, cutting operational costs by 30%, and improving system uptime to 99.9%. By implementing automated configuration management, remote deployment strategies, and cloud-based infrastructure, IT teams were able to deploy software updates faster, onboard employees seamlessly, and enhance overall system reliability. These improvements ensured scalability, security, and operational efficiency for Zurich Insurance, AIG, and MetLife, supporting their global workforce.

### Safeguarding Enterprise Email Systems for Target, Ford, and Walmart

**Challenge:** Target Corporation, Ford Motor Company, and Walmart required a secure and resilient email system to protect over 350,000 employees from phishing attacks, malware, and data breaches. The existing infrastructure lacked advanced threat detection and encryption, posing significant risks to business continuity and compliance with data protection regulations.

**Solution:** As a Senior Security Engineer at a leading technology firm, the founder of AhavahPrem Software Corporation implemented an AI-driven email security framework, integrating advanced threat detection, encryption, and automated response. The solution reduced phishing attacks by 99.9%, enabled 24/7 monitoring, and boosted productivity by 30% while cutting IT overhead by 25%, ensuring security and efficiency.

### Modernizing Utility Billing Systems for Exelon, Southern Company, and Duke Energy

**Challenge:** Exelon, Southern Company, and Duke Energy, three of the largest utility providers in the U.S., needed to modernize legacy billing systems managing over 10 million customer accounts. The outdated infrastructure led to billing errors, scalability issues, and operational inefficiencies, requiring a secure and scalable digital transformation to enhance customer experience and revenue management.

**Solution:** As a Senior IT Specialist at a leading technology firm, the founder of AhavahPrem Software Corporation led the modernization of utility billing systems, improving scalability, automation, and data accuracy. The solution enhanced system performance by 40%, reduced billing errors by 35%, and cut operational costs by 25% through cloud-based automation and AI-driven analytics. Additionally, implementing real-time billing and payment processing ensured seamless transactions, improving customer satisfaction and regulatory compliance.