Dr. Charley Garcia

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Professional Summary

Retired technology leader with over 20 years of experience in software development, systems architecture, and robotics engineering. Team-oriented and innovative thinker, adept at assessing complex challenges and delivering scalable, high-impact solutions. Proven expertise in leading high-performance teams, mentoring talent, and driving operational excellence in global technology environments.

Skills and Certifications

Skills

- Solution Architecture
- Telecommunications
- Service-Oriented Architecture (SOA)
- Networking and Infrastructure Management
- Software Development: HTML, CSS, JavaScript, Adobe Suite
- Leadership: Team mentoring, project management, strategic planning

Certifications

- Java Certificate
- MCSE: Private Cloud
- VMware VCP6 - Cloud
- Microsoft Certified Solutions Associate
- JavaScript Certification

Professional Experience

Director of Software Development   **Oracle Corporation, NYC**
January 2016 – March 2019

- Led multiple engineering teams to develop and maintain critical services, workflow engines, and customer-facing applications.
- Delivered scalable technology solutions improving efficiency and performance.
- Mentored talent, recruited top-tier engineers, and raised standards.
- Ensured robust, global-scale software system deployments.

Creative Software Design Director **Oracle Corporation, NYC**
September 2010 – March 2016

- Led software initiatives aligned with evolving business needs.

- Promoted engineering excellence and streamlined development.

- Designed scalable systems with cross-functional collaboration.

Senior IT Manager **KED Technology Solutions, NYC**
January 2001 – December 2015

- Oversaw major infrastructure and telephony upgrades.

- Managed IT purchasing and license compliance.

- Led help desk operations ensuring enterprise-wide continuity.

Computer Technology Coach **Newark Board of Education, NJ**
January 2004 – December 2014

- Taught students tech literacy, coding, and responsible usage.

- Created engaging, age-appropriate learning modules.

Senior CIO / Consultant **Oracle Corporation, NYC**
March 2001 – December 2011

- Delivered strategic planning and rapid implementation.

- Streamlined development with efficient methodologies.

Creative Director **NBCUniversal, NYC**
December 2007 – December 2010

- Built creative licensing strategies for global branding.

- Produced assets across multiple media categories.

- Supported international teams with marketing materials.

Developer **Sun Technologies, NYC**
March 2004 – March 2006

- Designed courseware using Adobe and HTML/CSS.

- Updated training tools for telecom technical teams.

Education

- **Research Doctorate, Advanced Software Systems**
  Stanford University, August 2015 – May 2018

- **PhD in Genetics and Genomics**
  Boston University, August 2016 – May 2017

- **Doctorate of Computer Science**
  Georgia Tech, January 2015 – December 2015

- **Doctorate in Robotics and Engineering**
  DePaul University, August 2010 – May 2013

- **Master of Arts, Software Engineering**
  NYIT, August 2005 – May 2009

Academic Note

Doctoral degrees were earned through rigorous online programs at prestigious institutions, involving advanced coursework, independent research, and dissertations.