

# YORK PRADO

850 W Grand Ave Unit 16  
Oakland, CA 94607 USA

## PERSONAL PROFILE

Innovative technical lead focused on delivery of scalable web solutions from idea inception, to pilot, to full scale production. My passion lies at the intersection of client delivery and technology, solving complex problems using my understanding of vastly different industries, technologies and use cases.

Currently, I am a solutions architect heading technical development of smart manufacturing projects with a distributed team of junior engineers, UI/UX developers, business analysts, and industry experts.

My previous experience involves full stack development, specializing in web analytics visualizations and emerging technologies such as IoT, 3D printing, cognitive computing, natural language processing, and augmented/virtual reality.

## EDUCATION

**Christopher Newport University**  
B.S in Computer Engineering  
December 2009  
GPA 3.79

## VOLUNTEER EXPERIENCE

**Oakland Promise, Mentor**  
(Jan 2019 to Present)

Volunteering as a mentor to a college-bound underrepresented student throughout their college career to help build a relationship that supports them and their college goals.

**Latinos in Tech Giving Circle, Member**  
(Oct 2019 to Present)

Part of the largest network of Latino philanthropists in the country, Latinos in Tech Giving Circle aims to invest our pooled funds into Latino-led nonprofits.

## GET IN TOUCH

**LinkedIn:** [www.linkedin.com/in/yoprado/](http://www.linkedin.com/in/yoprado/)  
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## SKILLSET (Most -> Least)

**Languages:** HTML5/CSS, JavaScript, SQL, Python, Shell, Java  
**Databases:** MSSQL, MongoDB, Neo4j, PostgreSQL, MySQL  
**Dev Platforms:** PTC ThingWorx, AWS, GCP, GE Predix  
**Web Technologies:** RESTFUL APIs, JSON, XML, MQTT, Pub/Sub  
**Technical Delivery Tools:** GIT, Jenkins, Jira, Teams, SharePoint  
**Core Skills:** Agile/Scrum, Solution Architecture, Project Management,, Engineering Management

## EXPERIENCE

### Specialist Master – Solutions Architect, IoT Practice

Deloitte Consulting LLP (March 2016 to Present)

Conceptualized and spearheaded technical development of web based Internet of Things(IoT) solutions in the industrial manufacturing, telecom, consumer product goods, medtech, and airline industries. These projects involved successful technical implementation of \$6-30 million projects, leading to average client savings of \$1-5 million within the first year.

- **Software Development Lead:** Executed technical strategy and implementation of backend services for cloud and on premise smart manufacturing applications.
- **Software Engineering Management:** Coordinated and matured QA, DevOps, and development pipelines to produce and optimize team code delivery.
- **Architecture Development and Technical Delivery:** Directly engaged with client IT/security/network and architecture teams to deliver scalable architectures while ensuring support for their unique business environment.
- **Project Management:** Planned delivery timelines and worked with leadership to resolve technical blockers and update of progress.
- **Practice Development and Growth:** Produced several technical RFP responses. Developed product and marketing content of solution accelerators to target specific high interest industries, which led to \$35 million in sales. Recruited several successful engineers to grow the team from 12 to 50 within 4 years.
- **Peer Development and Internal Initiatives:** Shaped team and growth of practice by leading internal initiatives in standardization of architecture deliverables. Successfully mentored and promoted several junior developers.

### Senior Application Developer – Digital Innovation Lab

Deloitte Services LLP (November 2014 to March 2016)

Envisioned, built, and coordinated industry and client focused proof of concepts in emerging technologies such as 3D printing, augmented/virtual reality, indoor positioning, IoT, and cognitive computing. I actively demoed these solutions in client engagements, international conferences, and internal Deloitte teams.

### Consultant – Analytics Visualization Studio

Deloitte Consulting LLP (September 2012 - November 2014)

Designed and developed data analytics visualizations for multiple industries and clients as part of a product design thinking team. Successful execution of these projects led to a global Deloitte initiative to help fund more sites using this work, now known as Deloitte Greenhouses.

### Associate Consultant

DRC \ Kadix Systems (July 2010 – September 2012)

Advised clients in the federal government space, specializing in full stack development and agile delivery.