

# PETER UPTON

Independent Consultant, Strategic Advisor, Development Processes, Software Engineering

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## PROFESSIONAL OVERVIEW:

As a semi-retired software professional with 30 years of experience, I decided to leave the world of technology on a full-time basis to enjoy hobbies, my passions in life and of course more family time. To keep my mind active and have one foot still in the technical world, I do provide consultancy service in a limited monthly fashion on software development focused areas.

## PROFESSIONAL EXPERIENCE:

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### Senior Consultant & Independent Advisor

Peter Upton, Software Consulting, Remote - 01/2023 - Present

I specialize in providing consulting services to help companies optimize their software development processes to navigate software and Scrum practices ensuring an effective IT department.

### Director of Software Engineering

Automotive, Chicago, IL - 01/2023 - 01/2025

Director of Software Engineering, I lead a skilled team of Onshore & Offshore Software Developers, QA in developing & expanding new features in a customer facing application that allowed the management of automotive inventory & syndication out to 3rd party vendors in the United States & Canada.

- Conduct needs analysis with clients to understand their business challenges and software requirements.
- Build and maintain strong relationships with key client stakeholders ensuring clear bi-directional communications.
- Review technical designs with internal team members and ensure our proposed solutions are robust and scalable.
- Successfully implemented a formal Agile/Sprint methodology resulting in a 25% increase in project delivery efficiency.
- Integrated innovative technologies like OpenAI & Bedrock machine learning into clients applications and products.
- Define development standards, best practices, and quality assurance processes for our Onshore & Offshore teams.

### Director of Software Development

Slickdeals, Las Vegas, NV - 05/2019 - 11/2022

Director of Software Development, managing two high profile software initiatives within Slickdeals organization. Oversaw the development roadmap of the Loyalty & Browser Extensions projects from white-board inception to public launch. Directly managed 30+ team members of On-Shore & Off-Shore developers, contractors, and internal team members, we delivered high-quality software solutions that met or exceeded business objectives, ahead of time with an annual budget of \$2.3M.

- Oversaw the successful launch of Slickdeals Loyalty & Browser Extension to our 12M monthly site shoppers.
- Reduced overall annual project costs by 30% after shifting select development tasks to Offshore contractors.
- Lead software development projects including planning, scoping, budgeting, scheduling, and technical oversight.
- Participated in quarterly Big Room Planning sessions to align all business orgs and priorities and resource allocations.
- Introduced automated testing frameworks, improving test coverage, and reducing manual testing efforts by 40%.
- Provided technical guidance to developers, ensuring we stayed up to date with industry trends and best practices.
- Worked with the development team to increase our browser extension coverage from Chrome to Firefox & Edge
- Assign tasks to team members, monitor project progress against deadlines and manage the agile sprint processes.
- High-touch mentorship to direct reports to help grow both technical & team skills using 1:1, 360 feedback cycles.
- Planned roadmaps with measurable OKRs, KPIs, identifying risks & dependencies with PM's & Product Owners.

## Technical Software Manager

Bitfocus, Las Vegas, NV - 01/2016 - 05/2019

Technical Software Manager, tasked with defining our HIPAA & ADA compliant (SaaS) software roadmap and implementing our strategic vision across multiple teams and products. Translating business Initiatives into robust actionable deliverables, coordinating department priorities and workloads, providing firsthand leadership direction during all development phases.

- Managed 16 direct reports consisting of Remote On-Shore & Off-Shore software engineers, QA, designers, DevOps.
- Introduced new Agile and SDLC processes enabling a 50% reduction in overall development release cycle times.
- Played a key role in driving revenue growth through the development and delivery of innovative product features.
- Established and enforced best practices for code quality, security, performance, resulting in reduced software bugs.
- Consult with clients to solve any issues they might have encountered with our application in a timely manner.
- Integration with public health, housing, and social services to ensure an integrated approach to care and services.
- Improved performance by implementing OKRs, KPIs metrics to measure continuous improvement in our processes.
- Collaborated with the C-Suite and other managers to plan annual budgeting requirements, projected hiring needs.
- Documented and provided training to technical support & professional service teams on new released features.
- Oversaw the planning, execution, and delivery of technical projects, ensuring alignment with business objectives.
- Ensured sensitive client data was secure and complied with relevant privacy laws (HIPAA / ADA) within our systems.
- Mentored, Coached team members to achieve annual goals, performance appraisals and recruited new employees.

## Software Engineering Manager

Zelu Inc, San Clemente, CA - 03/2015 - 01/2016

Software Engineering Manager, tasked with managing the day-to-day development process for a (SaaS) multi-tenant B2B/B2C cloud-based ecommerce and payment system. Provided technical and problem-solving guidance and IT planning Knowledge.

- As a start-up company I managed different areas from HR hiring, product owner to an engineering manager.
- Implemented a Beta OpenAI integration intended to help auto-generate product descriptions for clients.
- Implemented tools, Agile/Scrum/SDLC processes that improved by 20% the software engineering team productivity.
- Reduced datacenter hosting and hardware costs 40% by implementing a Physical-to-Virtual (P2V) migration roadmap.
- Managed team of .Net software developers, QA testers and operations support in an PCI, Agile/Scrum environment.
- Provided technical guidance to ensure business continuity and managing deployment of DR systems to AWS cloud.
- Strong software and systems management knowledge, managing client communications and project relationships.

## Senior Systems Architect / Technical Manager

Rauxa (Thought Matrix), Costa Mesa, CA - 04/2012 - 03/2015

Senior Systems Architect & Technical Manager, of client and in-house engineering teams which managed the implementation of large application and infrastructure deployments in enterprise environments. These areas covered implementing Microsoft centric and Open-Source technologies, Databases, Application Servers and underlying infrastructure on AWS, Azure clouds.

- Architected software and infrastructure projects with \$1 million plus budgets in Microsoft and LAMP environments.
- Provided technical guidance to internal and external software engineering team in a matrix management role.
- Experienced managing internal and client engineering teams in a matrix management project environment.
- Delegated tasks to engineering team members, ensuring adherence to project deadlines and quality standards.
- Managing vendor and contractor relationships, including RFP, SOW, POC and budgeting during client selections.
- Authored documentation for best practices & audits procedures for Banking, Health, Ecommerce, B2b/B2c industries.

## Senior .Net Engineer / Application Architect

Quest Software - Aliso Viejo - 06/2002 - 05/2012

As Senior .Net Engineer & Architect, I managed multiple application projects simultaneously, providing technical guidance and resource planning to ensure on-time delivery of project within their go-live deployment dates.

- Senior .Net Engineering developing both internal and external facing applications for marketing and client tools.
- Mentioned junior developers ensuring they understood and followed our companies defined best practices policies.
- Part of a technical SOX compliance team ensuring adherence to change management policies and procedures.
- Application architect working with internal development teams for web-based and client monitoring software.

## APPLICATION & PROJECT TECHNOLOGIES

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- **Languages:** .Net, PHP, Python, Ruby, C#, C++, Perl, Node.js, Java, JavaScript, Go
- **Frameworks:** React, Angular, Vue, Ruby on Rails, Flask, Django FastAPI, Laravel, Symfony
- **Development Tools:** Agile/Scrum methods, GitHub, Gitlab, Trello, Jira, Confluence, Figma, Jenkins
- **Cloud & Virtualization:** AWS, Azure, DigitalOcean, Google Cloud, VMware, Docker, Kubernetes
- **Databases:** Microsoft SQL, Oracle, PostgreSQL, MySQL, MariaDB, Amazon RDS, NoSQL
- **Browser Extensions:** Manifest V2 & V3, Vue JS, JavaScript, CSS, HTML
- **Reporting:** Looker, Sisense, Tableau, Crystal Reports
- **AI Integrations:** OpenAI, Amazon Bedrock

## SKILLS & COMPETENCIES

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- Certified Professional Agile Leader
- Leadership, Mentoring and Team Building
- Technology Strategy and Strategic Direction
- Process and Productivity Improvement
- Fast to Fail for Faster Iteration and Improvement
- Scalability & Performance of Software Applications
- Compliance, CCPA, GDPR, PCI, SOX, HIPPA
- Vendor & Partner Relationship Management
- Software Initiatives, Inception to Launch
- Strong Written and Oral Communication
- Onshore and Offshore Team Management
- Building Highly Scalable Applications
- Cross-Functional Team Collaboration
- Innovation, Vision & Experimentation
- Budgeting, Planning & Financial Oversight
- Agile & Scrum Methodologies

## SCRUM & AGILE CERTIFICATIONS

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- **Scrum Certifications - Scrum.org:**
  - Professional Scrum Master I ([PSM-I](#))
  - Professional Agile Leadership I ([PAL-I](#))
  - Professional Agile Leadership - Evidence-Based Management ([PAL-EBM](#))
  - Professional Scrum Product Owner I ([PSPO-I](#))
  - Scaled Professional Scrum ([SPS](#))