

Summary

Initiating a career change from project management to application development. In 2023-2024 I completed a 6-month boot camp in full-stack web development by UC Berkeley Extension, and I am looking to gain work experience in this field.

My career work experience is:

App developer and analyst supporting customer information systems, IT project manager and project coordinator in app dev, cloud migration, security, and data privacy. I have 25+ years of IT experience: App dev in the first half of my career and project management in the second half. I have experience in utility, financial, software-provider, manufacturing and insurance industries.

Recent Education

2023 - 2024

Received UC Berkeley Extension full-stack web development boot camp certification. Course Report reviews of Berkeley Extension say it has a comprehensive curriculum, expert instruction, a strong support system, and alignment with industry needs. I strongly agree. In the class I was able to draw on my computer science background and code development best-practices earlier in my career to learn full-stack web development and modernize my skill set.

My developer portfolio site is react-portfolio-tm.netlify.app, showcasing my assignments and web dev skills.

UC Berkeley Boot Camp concepts, environments, and languages –

<p>HTML, CSS – Refactored HTML, CSS code for accessibility, an important consideration that ensures website access for disability, features including video captions, screen readers, and braille keyboards.</p>	<p>Git, GitHub, Heroku – Learned and used git and GitHub for version management and branching, including with a project dev team. Deployed my MVC blog assignment in Heroku as a full-stack deployment.</p>
<p>JavaScript – Created a random password generator web page from user-supplied password attributes</p>	<p>Web APIs and DOM – (In Portfolio site) Created coding assessment Quiz Game website in HTML, CSS, and JavaScript, featuring setInterval() method for quiz time limit.</p>
<p>jQuery and Third-Party APIs – (In Portfolio site) Created daily planner web page in jQuery (next-gen JS) using Day.js library which parses, manipulates, and displays date-time for the browser.</p>	<p>Server-Side APIs, API keys, JSON – (In Portfolio site) Created a weather inquiry dashboard using openweathermap.org, saving and accessing prior searches. The API response is JSON.</p>
<p>Node.js – Developed a command line app which accepts inputs to generate a professional developer README.md using Inquirer app for Node.js.</p>	<p>Object-oriented programming (OOP) and Test-driven development (TDD) – Authored a CLI app that creates an SVG logo with user-supplied characteristics (color, shape, text). Used constructor functions / classes and TDD using Jest.</p>
<p>Express.js – Used REST API in a web-based note-taking app. Employed front-end HTTP methods to connect to backend for local JSON file update operations.</p>	<p>MySQL – Created a command-line app to manage a company employee database (MySQL). Demonstrated all CRUD commands and table relationships and indexing.</p>
<p>Object-Relational Mapping, Sequelize – Developed a backend for an E-Commerce website, using Express.js framework and Sequelize for an object-relational map (ORM) of a MySQL DB. Mapped table definitions are represented as object property collections.</p>	<p>Object-Document Mapping (NoSQL), MongoDB – Created a backend API for a simple social media site featuring friend addition, message & reaction posting. In Express, MongoDB, and Mongoose object data model (ODM), for schema-based map to NoSQL data model.</p>
<p>MVC – (In Portfolio site) Developed a simple full-stack app to manage technical blog posts, requiring user authentication. Features PostgreSQL, Sequelize, Bcrypt for password hashing, Express-Session for session/auth data, and Express-Handlebars for HTML templating. Deployed in Heroku.</p>	<p>Regular Expressions – Published via GitHub Gist a tutorial on URL pattern-matching using RegExp. Included images of test demonstrations of RegExp pattern matching execution.</p>
<p>Progressive Web Applications (PWA) – (In Portfolio site) Created a text editor as a progressive web app which can be compiled using Babel, bundled via Webpack, and installed locally.</p>	<p>React, Vite – Created a React website showcasing my portfolio of applications created in Berkeley Full Stack Development boot camp. Libraries include Vite, ESLint (code syntax), ReactDOM (virtual DOM), and Sass style sheets.</p>

Work Experience

Peoples Energy - Integrys, Chicago, IL

1993 - 2016

Developer at Peoples Energy and Integrys

Held developer roles, including programmer, analyst, and senior analyst. Developed and project-managed for the customer application, primarily a service order system and workforce management system in two generations of these apps: Resource Management (RM) system and MDSI workforce management system.

Started at Peoples Energy in Chicago (Peoples Gas, PGL, and North Shore Gas, NSG). Later merged with Wisconsin Public Service (WPS) of Green Bay and became Integrys. (Have since become Wisconsin Energy Corporation, WEC). My later years at Integrys and WEC were in the role of app dev team leader in CIS / workforce management support.

Peoples Gas / North Shore Gas, starting 1993 –

- Developed and supported in-house BAL CICS apps for service order records and order entry and BAL MVS batch applications for service order reporting.
- Developed and supported Alliance Resource Management (RM) system. This was a 3rd party workforce management system which shared service order completion data real-time from 1st-gen mobile devices over wireless network and then to Peoples Gas host application via SNA and a CICS listener. I developed Tandem COBOL for back-end mobile completion form validation / data capture and SCOBOL for desktop form creation.

Integrys (WPS, PGL, NSG), starting 2007 –

- PGL / NSG selected Price-Waterhouse CIS product for all customer processes, a client-server architecture comprised of PowerBuilder and two server platforms: UNIX/Sybase and mainframe CICS/DB2. I created and maintained apps on all the above platforms, my specialty being UNIX / Sybase.
- Created a UNIX MicroFocus COBOL and MQSeries interface for inbound transactions from the new MDSI workforce management system with dock-able mobile devices.
- Designed forms, data fields, and client-level validation within MDSI platform.
- Developed MFCOBOL and CICS COBOL modules to validate and store MDSI field data in PWC CIS. Examples were emergency order completions with arrival- and completion- times and host inquiries for a variety of data (payment history, service pipe positioning, tap location, etc.)
- Developed in MFCOBOL / Korn shell, and used MQSeries and Autosys job scheduler to create a mid-tier listener process for PWC CIS web self-service. Feature-specific submodules were subsequently added to and called from the listener. The submodules used business validation as part of back-end calls and updates. Employed MQSeries correlation ID feature to ensure message-based process integrity.

DFIN Solutions, Downers Grove, IL

2017 - 2019

IT Project Manager / IT Project Coordinator

On point to lead security, privacy, governance, and enterprise-level projects. I was part of a project management team that built the DFIN Project Management Office to establish project and portfolio standards and develop supporting tools.

Ameri100 / Pace Harmon with client Brunswick, Rosemont, IL

2019 - 2020

IT Project Coordinator / IT Project Manager

Supported cloud migration project, providing project and administrative support to DevOps team using Azure CI/CD. Adopted progress measurement methods and KPI reports to provide program management visibility to risks, problem areas, and challenged resource teams. Used Azure DevOps and improved my Microsoft Project and Excel skills.

SLK America / CNA Insurance, Chicago, IL

2020 - Current

IT Project Manager

Joined US subsidiary of an India-based testing services provider, SLK America. Part of long-term contract with CNA Insurance of Chicago to be a project manager in a large portfolio of application, cloud, infrastructure, and security modernization projects.

Education

Loyola University - Chicago, IL

Bachelor of Science (B.S.), Major Computer Science

Loyola University - Chicago, IL

Master of Science (M.S.), Computer Science

MicroTrain - Lombard, IL

Project Management Professional (PMP Certified)

MicroTrain - Lombard, IL

Lean Six Sigma Green Belt (LSSGB Certified)

Joliet Junior College - Joliet, IL

National Career Readiness Certificate (NCRC) Gold

UC Berkeley Extension, Berkeley, CA

Berkeley Coding Boot Camp Certificate of Completion