

## Career Research Assignment Worksheet

- Student Name: Kent Chow

- Job Description: Portfolio Architect (UI/UX Developer)

The Portfolio Architect will be responsible for establishing and managing the technology architecture direction and standards for the Key Area of Focus that Ricoh takes to market to evolve our Ricoh US Portfolio.

- Salary:

Compensation Range:

Minimum: \$110,000.00

Maximum: \$140,000.00

- Working Conditions:

- i. Works with strategy managers in industry verticals and core business domains to apply the technology architecture standards and establish specific technology and business strategies for service offerings.
- ii. Champions the use of technology to transform the solution delivery models and modernize traditional services.
- iii. Researches emerging trends in technologies, determines their application in Ricoh's portfolio, and identifies their placement in multi-year roadmaps.
- iv. Facilitates the development of mutually beneficial partnerships with key vendors to accelerate Ricoh's ability to service the market.
- v. Communicates technical vision, roadmaps, and applications to senior leaders within Ricoh and targeted customers and vendors with clarity and conciseness, ensuring the business implications are properly comprehended.
- vi. Evaluates existing and emerging technologies and determines their placement within the area of focus.
- vii. Establishes technology investment priorities.

- viii. Determines where technology overlaps exist in the portfolio and establishes plans for consolidation.
  - ix. Ensures architectural harmony across offerings and eliminates conflicts that may exist in the differing technology selections. between offerings to ensure customer investments with Ricoh are optimized.
  - x. Ensures the service delivery models properly reflect the optimization that was targeted through the introduction of new technologies.
  - xi. Advises strategy managers and services governance boards on emerging technologies and their application in industry verticals and/or core business domains
  - xii. Works closely with our execution leaders to ensure synergies across all solutions
  - xiii. Evaluates vendor technologies and roadmaps
  - xiv. Identifies strategic vendors and drives partnerships to build compelling value for customers
  - xv. Provides thought leadership across the organization on the application of technologies and their impact on existing services as well as the new services they create
  - xvi. Creates and executes communications plans regarding technology architecture direction, standards, and roadmaps
  - xvii. Identifies and manages resources required to successfully execute cross-functional initiatives
  - xviii. Performs other duties as assigned
- Education Requirements:
    - i. Bachelor's degree or equivalent experience
    - ii. 10 years' experience developing and delivering technology solutions to customers, with the majority of that experience in emerging IT services preferred
    - iii. UI/UX experience strongly preferred
    - iv. 5 years' experience developing technology roadmaps and service offerings for a technology company or service provider
    - v. Experience leading large, complex, development projects within a matrixed organization
    - vi. Experience in organizational change management, ensuring lasting adoption of transformation programs
    - vii. Experience working with and presenting to senior executives

- What classes would be helpful for success in this field?

- i. UI/UX

- Job Outlook:

- A. Percent change in employment, projected 2020-30

- i. Web developers and digital interface designers ^13%
    - ii. Computer occupations ^13%
    - iii. Total ^8%

Employment of web developers and digital designers is projected to grow 13 percent from 2020 to 2030, faster than the average for all occupations.

About 17,900 openings for web developers and digital designers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

- Overall Pros and Cons:

Pros:

- Always expanding as the market grows.
  - Global job openings.
  - Remote work allowed.

Cons:

- Jobs are getting out sourced to outside the country for lower wages.
  - Designers would need to stay updated as the market grows.
  - Designers might have to relocate outside of their country to have a job.

- Advancement Opportunities:

A skilled developer will go on to lead a team, and could progress to technical director or even CTO. That means potential for bigger paychecks and new challenges, but also increased responsibility and less time coding on the front lines.

- Why this job may fit you?

I may not have all the experience now, but I have been working with my manager presenting to senior executives. It is stressful, but I do enjoy creating road maps and completing them with a team.

Source:

<https://www.bls.gov/ooh/computer-and-information-technology/web-developers.htm#tab-6>

<https://recruiting.adp.com/srcar/public/RTI.home?c=2171819&d=USA-RicohExternal&rb=RICOHSITE#/>