

Mark J Napier

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SUMMARY

Information Architect and User Interface (UI) designer with extensive experience in software product design, from business statement through requirements and development. Web developer – conceive, write requirements, wireframe, prototype, develop and manage online database projects. Experience in finance, visual art, education and web startups. Strong communication skills, works well with product managers, end-users and technology staff.

TECHNICAL SKILLS:

Languages: Java, C/C++, Javascript, PHP, Perl, Visual Basic, OpenGL
Database: SQL, Oracle, Sybase, MySQL, SQL Server/IIS
Web: HTML, Javascript, Drupal, Wordpress
Tools: Adobe Photoshop, 3D Studio Max
Platforms: Windows, UNIX/Linux

PROFESSIONAL EXPERIENCE:

Kaarme, kaarme.com

2013 - present

Consultant

Information Architect and UI developer. Optimize and enhance website. Manage one developer. Drupal, PHP, Android, Java.

- Design and manage development of mobile app (android) to provide mobile access to scholarship database.

PeerVantage, NY

Jan-March 2013

Consultant

Advised a personal finance web startup on product development strategy, time and resource estimates, technical planning. Designed and developed WordPress site to promote business.

- Mocked up web product and created brochure website used by CEO to pitch investors for initial round funding.
- Wrote technical plan and budget estimates included in plan for investors.

Thomson Reuters, New York, NY

2006 – 2013

Senior Technical Specialist -- Fixed Income Data

Created Business Requirements, planned, scheduled software development projects, estimated resources, problem solved, proposed solutions, reviewed schedules.

- Created Business Requirements, wireframes and information architecture for major redesign of a market data website for corporate lenders and loan traders. Provided seamless integration of news, deal terms, and secondary market data.
- Wrote Business Requirements for web-based loan data entry system used by market analysts in four global offices. Streamlined data entry using web, increased accuracy of data.
- Developed javascript UI toolset to view/edit/cache row-column data in browser, resulting in faster data entry, greater ease of use, greater accuracy.
- Reviewed schedules with development director and lead programmers. Revised resourcing and schedules to reflect real-world conditions, avoided major scheduling errors.

Kaarme (part-time consultant with web startup kaarme.com)

2006 – 2009

Experience Architect / Information Architect – Consultant

Designed, wireframed, information-architected website for educational web startup. Estimated resources, schedules. Managed programmer and graphic designer. Drupal / PHP / MySQL

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- Designed and led development of the Kaarme.com website. Streamlined development using off-the-shelf components rapidly entered market at low cost.
 - Consulted with CEO and founder of Kaarme.com on product design, site architecture, database design, scheduling and tech resourcing.
 - Chose technology (Drupal), modified using off-shelf components/mods, faced off highly funded competitor, low maintenance website has run stably at minimal staff/cost for five years.

Digital Artist (Self employed)

2001 - 2006

Conceived and produced award winning digital artwork, shown in major museums and galleries internationally. Pioneered public interactive artwork on the web. Java/OpenGL, OpenCV computer vision library and websites (HTML/CSS/Javascript).

- Created innovative digital public art projects online and proposed projects to decision makers at museums, leading to commissions by major museums in the US and Europe.
- Wrote press releases, contacted press. Grass roots marketing campaign resulted in reviews in the New York Time, the Wall Street Journal, the Guardian, and many international publications.
- Presented at universities and media events on art, technology and the culture of the Internet.
- Developed curriculum for and taught Java/OpenGL graphics course at New York University.

Loan Pricing Corporation (a subsidiary of Reuters) New York, NY

1992 - 2002

Consultant

2001 - 2002

Project Manager, Senior Programmer, Managed team of four developers. Interfaced with product manager, database manager, CTO. Direct development in Java / Oracle.

- Developed reporting module for market news and financial data website.
- Created plans and schedules, allocated resources, set milestones.

Vice President of Software Development

1999 - 2001

Direct development of web products coded in Java and Oracle database, Planned schedule and resources, hired developers. Information architect.

- Created user experience and information architecture for *LoanConnector.com*, a web-based suite of market data products for corporate lenders.
- Interviewed sales and product managers. Designed UI and info architect of product.

Software Architect

1992 - 1999

Developed specifications, wireframes, and prototype of subscription based market news/data website for large corporate lenders and loan syndicators. Managed team of two programmers and graphics designer. Java / Oracle / C++.

- Proposed, designed and directed development of real-time news/market data website. Transitioned LPC from paper to web, resulting in reduced costs, faster delivery and innovation.
- Managed development as business transitioned from paper publishing to web. Streamlined delivery of products helped company grow from \$6M to \$26M in sales.
- Designed secure document sharing web site for loan syndicators. Used existing components for rapid development and entry into new market, generated over 1 million yearly revenue.
- Implemented FPA, resulting in accurate scheduling/ resourcing,

EDUCATION:

BFA College of Visual Arts, Syracuse University, NY.

Rutgers College, Rutgers University, New Brunswick, NJ.