

GIRISH CHAVAN

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Software professional with 10+ years experience in technical architecture design, user experience and product management.

EDUCATION

MS Information Science

University of Pittsburgh, 2004

BE Information Technology

University of Mumbai, 2002

Diploma Computer Technology

Bombay Inst. of Technology, 1999

SKILL SET

Management

Budgeting, Change and Risk Management, Problem Management, Skills & Performance Management, Conflict Resolution

UI Design & Evaluation

UX Storyboards, wireframes, rapid prototyping with HTML5+CSS, Photoshop.
Cognitive Walkthrough, Think-Aloud Usability, Heuristic evaluation, Contextual Inquiry

Frameworks

Java Swing, SWT, Eclipse RCP, Hibernate, UIMA, iOS SDK

Development Environments

Java, Objective C, Eclipse, Enterprise Architect, Dreamweaver, XCode, Subversion, CVS.

Web Skills

JSP, Servlets, HTML, JavaScript, CSS.

WORK EXPERIENCE

Dept. of Biomedical Informatics, University of Pittsburgh

Product Manager, Feb 2009 - Present

Responsible for planning, design and marketing of several large software research grants with total operating budget exceeding \$4million.

- ▶ Managed medium-sized development teams across three different institutions.
- ▶ Managed budgets, resourcing conflicts and technical risks.
- ▶ Increased team productivity by 400% using new project management tools and techniques.
- ▶ Provided user interface design and system architecture expertise to other teams.
- ▶ Led product demos and presentations to researchers and program managers to effectively communicate merits of the products.
- ▶ Mentored and supervised junior programmers in the team.

Project Leader, Sep 2008 – Feb 2009

Responsible for leading design and development for ODIE.

- ▶ Lead design and development for ODIE - a software toolkit with NLP algorithms for ontology enrichment and information extraction from free text medical documents. Team size: 6, Budget:\$2million
- ▶ Set up an active user community support infrastructure that supported 100+ users with tools like forums, trackers, mailing lists and websites. Marketing strategy along with community support increased user base from two institutions to over 10 institutions in a year. Increased downloads by 1000% in two years.
- ▶ Introduced code management practices including commit policies and coding standards.

HONORS

'What's My Size' App

Listed in the iTunes Top 15 iOS Utility Apps in 2010

Invited Speaker

Project Management Institute, Pittsburgh Chapter.

Guest Lecturer

School of Information Sciences, University of Pittsburgh

Best Electronic Poster

At Advancing Pathology Informatics, Imaging and the Internet

PUBLICATIONS

A Grid Based System for Coding and Retrieval of Surgical Pathology Reports and Tissue Specimens In Support Of Translational Research

Crowley RS, Mitchell KJ, **Chavan G**, McSherry T, Feldman M. In JAMIA'2010

A method for automated detection of usability problems from client user interface events.

Saadawi GM, Legowski E, Medvedeva O, **Chavan G**, Crowley RS. In AMIA'2005

Interactive Authoring Support for Adaptive Educational Systems.

Brusilovsky, P., Sosnovsky, S., Yudelson, M., and **Chavan, G**. In AIED'2005

Social adaptive navigation support for open corpus electronic textbooks

Brusilovsky, P., **Chavan, G.**, and Farzan, R. In AH'2004

WORK EXPERIENCE

Senior UX Architect, May 2005 – Sep 2008

Responsible for designing, prototyping, evaluating and implementing user experiences for in-house software products.

- ▶ Designed technical architecture and user experience for caTIES – CAncer Text Information Extraction System that supports concept searching, collaborative case set building, ordering tissue and multi-node architecture to support searching across multiple institution data sets. Team size: 4, Budget:\$2million
- ▶ Developed and successfully executed deployment plans for external adopter sites.
- ▶ Developed product branding and marketing strategy for open source software.
- ▶ Provided senior level user interface design and usability expertise.

UX Architect, May 2004 - May 2005

Responsible for UX design and development of web applications

- ▶ Developed VirtualSlide – a web application for annotating and presenting diagnostic quality microscopic slide images in a virtual microscope
- ▶ Developed ProtocolQuery – a web application for querying UI interaction logs for detecting usability problems.

OTHER ACTIVITIES

iOS Developer Aug 2010 - Present

Designing and developing mobile applications for the Apple iOS platform

- ▶ Developed the 'What's My Size?' iPhone app which calculates your clothing size in over 500 brands based on body measurements.
- ▶ 'What's My Size?' generated 35,000 downloads in two weeks and was in the Top 15 Utility apps list for the iPhone.
- ▶ Was selected by Apple for the "New and Noteworthy" section of the App Store.
- ▶ Designed and developed the 'eMoBo' iPhone app. 'eMoBo' allows users to create and read thousands of short stories.