Omkar Desai

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EDUCATION

The University of Texas at Dallas   August 2015 – May 2017
MS in Information Technology and Management, IT Consulting and Project Management
Goa University   July 2009 – June 2013
BE in Information Technology

TECHNICAL SKILLS

Concepts:	Object-oriented concepts, Data Structures, Algorithms, Software design patterns, Cloud computing
Methodologies:	Agile, SCRUM, ITIL, TOGAF, DevOps, Lean IT
Programming:	Python, PHP, HTML, CSS, JavaScript, jQuery
Frameworks:	CodeIgniter, Magento, AngularJS, Django, Twitter Bootstrap, MateralizeCSS, PyQt5
Databases:	SQL, NoSQL, Oracle, MySQL, PostgreSQL, SQLite, Apache Solr
Software and OS:	WAMP, LAMP, Git, Filezilla, MS Office, Photoshop, PyCharm, PHPStorm, Linux, Windows, Mac

BUSINESS EXPERIENCE

Sanvik Computer Consultants, Mumbai, India   August 2013 – April 2015
Software Engineer

- Full stack web developer in a team with 5 members
- Developed web solutions using PHP (MVC), AJAX, AngularJS, JavaScript, jQuery, and responsive designs
- Contributed in SQL database design and implemented NoSQL to deliver 80% quicker data requests
- Created scripts to generate company dashboards and email PDF copies to desired stakeholders
- Integrated payment gateways, introduced predictive buying functionalities and incorporated SEO
- Adopted methodologies like DevOps, Agile, SCRUM and Extreme Programming for efficient project execution
- Optimized legacy code to increase application performance by 22%

Freelance Web Developer, Mumbai, India   January 2014 – February 2015

- Utilized core PHP, Twitter Bootstrap and Google Material Design to build robust user experiences
- Converted PSD, AI and raw images into responsive web themes for retail websites, blogs and discussion boards

PROJECTS

SangamDirect

- Contributed in development of a multi-state ecommerce platform using CodeIgniter, AngularJS and Bootstrap
- Developed RESTful web services for Android and iOS mobile applications
- Setup and configured HTTP servers, FTP servers and domain names for private clouds

Kohli Brothers

- Designed an e-commerce store for Kohli Brothers, a garment seller based in Kashmir, India
- Developed using Magento and AngularJS

Newborn AutoParts

- Built an online web store for car parts with an image based search
- Created an administrator panel with CRUD capabilities

Audio/Video Blog

- Developed an online blog with audio-video recording and playback capabilities
- Purposed ffmpeg to compile and save the recorded media

Guild Wars 2

- Built a GUI to display the professions and associated details in Guild Wars 2 using the game's official API
- Utilized Python and PyQt5 to build a multi-threaded application

Kabobi Fresh Mediterranean Inventory Consulting

- Collected inventory and customer data from the restaurant to generate visual reports
- Analyzed current processes and established an efficient strategy that reduced food wastage by 17%

IT Service Management with the Internet of Things

- Assembled a report with service possibilities and service management considerations for an IoT system
- Explored ITIL, Agile, Lean IT, DevOps and virtualization to apply the concepts in a IoT system