

Education

M.S. in Computer Science (in progress)	Columbia University
Coursework: Operating Systems, Computer Graphics, Computer Animation, Advanced Computer Graphics, Computational Imaging	
Graduate credits in Computer Science	Yale University
B.Tech. in Information Technology	Anna University

Projects

Round Robin Scheduler for the Nexus 7, OS, Columbia University	Oct '15
Programmed a performance enhanced round robin scheduler running alongside existing Android CFS (Completely Fair Scheduler) and Real Time Scheduler	
Transport Layer Design, Yale University	Apr – May '12
Designed a transport layer with the principles reliable data transfer, flow and congestion control using Fishnet	
Planked! – Windows Phone 7 Game, Anna University	Jan – Apr '11
Hangman inspired interactive game for Windows Phone using XNA Game Studio	

Work Experience

College Futures Foundation, San Francisco, CA through M3Bi Inc.	Apr '14 – Feb '16
<ul style="list-style-type: none"> • Front-end responsive web application (CALynx) ownership and development used by CAFC administration and grantees on a daily basis to maintain data for a 50,000 student population • Designed user interface, security and authentication modules using Stormpath API • Support on bug fixes, enhancements and source-control/release management • Technology stack: PHP, PostgreSQL, HTML5/CSS3, JQuery 2.x 	
Tilly's Inc., Irvine, CA through Systech Solutions Inc.	Sep '13 – Aug '15
<ul style="list-style-type: none"> • FedEx web service consumption for shipping label and return label creation, barcode generation using FedEx IMPS standards that is used for shipping orders and by customers to return orders everyday • Reporting applications for DC and store sales, employee productivity and performance that is used by the Tilly's management for administrative monitoring • Systemic automation of e-commerce order processing in Tilly's Distribution Center with ownership of UI design and functionality of the packing module • Loyalty program services and front-end development using the Microstrategy Alert and receipts web services that is consumed by Tilly's customers over Tilly's desktop and mobile application for every order • Technology stack: Visual Studio C#, MVC, Sql Server 2008 	
Systech Solutions Inc., Glendale, CA	Jul '12 – Aug '15
<ul style="list-style-type: none"> • Reporting and Dashboard development for Ann Taylor's Social Network data analysis and designed metrics for comparison with competitors, user response, sentimentality and activity • Data extraction using Facebook Graph API and Twitter REST API • Big data and MapReduce research in finance, social media and telecommunication verticals using Cloudera , Apache Hadoop and its subprojects 	

Achievements

Walk-in Walk-out Scholarship winner at SSN College of Engineering
Ranked 8th in all of India, ISC Board examination

Skills

Programming	C++, PHP, Java, WCF, MVC, JavaScript, Backbone, PL/SQL
Databases	SQL Server 2008, MySQL, PostgreSQL, Oracle 9i
User Experience	HTML5, CSS3, GIMP, Photoshop, Bootstrap