

Divaksh Jain

Project Experience Outline

I never settle for good enough, always have the willingness to change for the best, so I always try to exploit new ideas to resolve real-life problems. I think creatively, and when it gets clubbed with my problem-solving as well as technical abilities, it brings real innovation.



PDF Organizer

Organization	Open Source (yet to be released)
Tools	PowerShell ISE, PowerShell Studio, Visual Studio
Technology	Windows, PowerShell, Windows Forms, WPF, C#, iTextSharp
Duration	June 2019
Responsibilities	Research, Design, Develop, Test
Description	<p>A tool designed to keep HR and other heavy word document and pdf users in mind to resolve all document management problems. It is equipped with all essential features for document management like</p> <ol style="list-style-type: none">1. Convert MS Word docs into PDFs.2. Search one or more keywords inside pdfs with AND, OR conditions.3. Copy and move the searched files into the desired folder.4. Merge output files into one, so they all can be viewed in one go.5. Reports for the search results. <p>The tool also comes in two variants</p> <ol style="list-style-type: none">1. Three-Step Wizard (Windows Forms and PowerShell)2. Single Page View (WPF and C#) - under development



RajERP Update Notifier

Organization	E-connect Solutions Pvt. Ltd.
Tool	Notepad++
Technology	GCE, Linux, Corn Jobs, PHP, OneSignal
Duration	Dec 2018
Responsibilities	Research, Design, Develop, Test
Description	<p>Came up with an idea and build a small web app to resolve colleagues and clients common update confirmation problem. RajERP Update Notifier sends real-time push notifications right away on smartphone and desktop. Notifications are sent on the following events.</p> <ol style="list-style-type: none">1. RajERP update gets published2. RajERP gets updated3. RajERP gets down for any reason4. RajERP gets up again (only if it was not down for the update) <p>These notifications can be subscribed and unsubscribed anytime, anywhere in just one single click.</p>
Project Link	http://bit.ly/RajERPNotifier



RajERP Help Portal

Organization	E-connect Solutions Pvt. Ltd.
Tool	Notepad++
Technology	Self-Managed VPS, CWP, PHP, MySQL, WordPress
Duration	July 2018 – November 2018
Responsibilities	Research, Plan, Design, Develop, Test, Documentation, Support, Server Administration, Team Management
Description	<p>Made a self-service help portal for ERP users which allows them to find answers to their questions. The unique parts of this self-service portal are how-to articles with GIFs, ERP buttons and interactive videos.</p> <ol style="list-style-type: none">1. Deep integration with the ERP, the user gets page level help in just 1 click.2. How-to articles3. Interactive videos4. Knowledge Base5. FAQs
Project Link	http://support.e-connectsolutions.com/erp



Loot Deals

Tool	Notepad++
Technology	AWS, Self-Managed VPS, GCE, WHM, VestaCP, CWP, PHP, MySQL, OneSignal, WordPress
Duration	Oct 2015 to April 2018
Responsibilities	Study, Plan, Design, Develop, Test, Documentation, Support, Server Administration, Team Management
Description	<p>Loot Deals provides deals, coupons, discounts, giveaways, tricks, and that can assist in saving and earning money. It is the only website in India that delivers the deals with a unique standard system concept. These standards are</p> <ol style="list-style-type: none">1. Freebie: Indicates items which are completely FREE, usually in the form of free samples and promotional material. User does not have to shed a single rupee to get these.2. Lowest Ever: Indicates that the price for the item is this low for the first time ever. Prices can shoot up again, so the user must be quick to grab these offers.3. Best Value: Indicates that the item is available at a discounted price which offers excellent value for money. If the user was looking to purchase it, the best time is now.4. Editors' Choice: Indicates an amazing offer handpicked by the editing staff. These crazy & jaw-dropping deals should not be missed. <p>Loot deals also delivers the FREE push notifications, and the WhatsApp alerts for these deals. Loot Deals has saved lakhs of rupees till now for its users.</p>
Project Link	http://lootde.al



HarmonicaArena

Tool	Notepad++
Language	AWS, Self-Managed VPS, GCE, WHM, VestaCP, CWP, PHP, MySQL, OneSignal, WordPress
Responsibilities	Research, Design, Customize, Develop, Test, Documentation, Support, Server Administration
Duration	Jan 2015 to till date.
Responsibilities	Research, Design, Customize, Develop, Test, Documentation, Support
Description	<p>A website for music lovers. Harmonica Arena offers a platform to associate with "harmonica" the magical woodwind instrument and acquire its unique soulful sound. Users can get harmonica related useful information like tutorial, notations and events happening in India. Harmonica Arena is the only website in the world which has following features:</p> <ol style="list-style-type: none">1. Song notations in all three major forms numeric, sargam and western2. Notation converter tool3. Almanac, a unique calendar which has all harmonica related history of all 365 days of a year.
Project Link	HarmonicaArena.com



School/College CMS

Organization	Pratham Solution Pvt. Ltd.
Tools	Eclipse, Github
Language	Java, Servlet, HTML, CSS, Bootstrap, XML, Javascript, Ajax
Responsibilities	Team Leader, Design, Develop, Test, Documentation
Duration	July 2013 to Sept 2013
Description	<p>The primary purpose is to provide interconnectivity between the users and the institution (College, School, Academy, etc.) and vice versa. With the help of this application, guardians can interact with the faculty, get student's information, and can know every activity of the institution. The college website was designed and developed to promote direct access to information resources and increase the visibility of the college. Even to increase the approachability of the people towards the college creatively and innovatively. Creating the website dissolves every problem and enhances clarity and understandability. Key features of this applications are:</p> <ol style="list-style-type: none">1. Easy to install, simple web-based installer, no backend knowledge required.2. Fixed dynamic navigation for better user experience3. Bulletin board and notifications4. Notice board and its visibility control5. User role groups and permission management



SpeedyDroid

Organization	xda-developers.com
Client	Sony Xperia 2011 and 2012 Family
Tools	Eclipse, Github, Gedit, Notepad++, ADB
Technology	Linux, Android, Edify, Shell, Java, AROMA
Role	Developer
Duration	Feb 2011 to Aug 2013
Description	<p>Due to strong competition in the smartphone market phone manufacturers add their proprietary apps and sponsored stuff in addition to original Android. So they can keep smartphone prices low to attract users and generate more revenue.</p> <p>Some of the stuff is useful, but most of them are just place holders, they are only attractive as compared to their working or need. Like Sony Select in Sony Smart Phones. If there is already a Play Store, then what is the need of another one. These apps are System apps due to which user cannot uninstall them. These apps use device resources like RAM, memory, and processor in the background due to which sometimes user experience slowdowns and hang-ups.</p> <p>So, I have created the Speedy Droid to clear all hurdles which prevent the phone from performing well. With SpeedyDroid, we can easily remove such kinds of un-necessary apps and stuff to enhance device performance and can make it lag-free.</p> <ol style="list-style-type: none">1. Decrease RAM usage, increase performance and improve battery life of device by removing bloatware and unwanted features.2. Smartly makes a backup of removed apps so you can restore them.3. Backs up and restores settings, SMS, contacts, accounts, call logs, calendar, user dictionary within seconds even in case of bootloops.4. Stores backup history and logs with time and date.5. Patch hosts file to provide Ad-free experience which results in faster browsing.
Project Links	Sony Xperia Sola Sony Xperia SP Sony Xperia P Sony Xperia U Sony Xperia Go Sony Xperia S Sony Xperia AcroS Sony Xperia L Sony Xperia Mini/Mini Pro/Active/Live



SpeedyKernel

Organization	xda-developers.com
Client	Sony Xperia 2011 and 2012 Family
Tools	Github, Gedit, Notepad++, ADB,
Technology	Linaro toolchain, Edify, Shell, C/C++, AROMA
Responsibilities	Research, Design, Develop, Testing, Documentation, Support
Duration	Feb 2011 to Aug 2013
Description	<p>Speedy Kernel, the name itself says it all, Speedy Kernel is always built with latest Linux source code and comes with all new and governors and schedulers. Speedy Kernel comes in a unique AROMA package that allows the user to choose the desired root management app and the desired modules installation. The basic concept of this tweaked kernel is to provide users possible best performance and battery life with the help of following features</p> <ol style="list-style-type: none">1. Init.d Support2. Smart Overclock3. ZRAM/SWAP support4. AutoInstall for Wi-Fi Modules5. Deep sleep mode6. Pre rooted7. LZO Kernel Image Compression8. Governors9. IO Schedulers10. OTA updates
Project Links	Sony Xperia Sola Sony Xperia U Sony Xperia P Sony Xperia Sola v2



eXperience ROM

Organization	xda-developers.com
Client	Sony Xperia 2012 Family
Tools	Eclipse, Github, File-Manager, Gedit, Notepad++, ADB, AROMA
Technology	Edify, Shell, Java
Responsibilities	Research, Design, Develop, Testing, Documentation, Support
Duration	Jan 2011 to May 2013
Description	<p>eXperience is an all-in-one Customizable ROM for Xperia NxT devices, based on the latest stock ROM, featuring latest official SEMC apps with custom tweaks, working AC!D Audio Engine. Integration with SpeedyDroid and SpeedyKernel makes it most customizable ROM for the Xperia NxT devices. ROM is packed with the following features</p> <ol style="list-style-type: none">1. Powered by SpeedyDroid.2. Powered by SpeedyKernel3. LBE Security4. AROMA installer5. Multiple boot animations6. 6 best smartphone fonts (Default, Ubuntu, Nokia Pure, Sony Sketch, Xperia Z, Rosemary)7. Memory Tweaks8. Next generation Xperia devices apps and theme engine9. Bravia Engine 2 from Xperia Z10. OTA updates
Project Link	Sony Xperia Sola - eXperience v1 , eXperience v2 , eXperience ExSe , eXperience CM , eXperience Innovation Sony Xperia Go - eXperience v1 , eXperience JB , eXperience ExSe , Sony Xperia U - eXperience v1 , eXperience CM , eXperience JB Sony Xperia P - eXperience JB , eXperience CM .



All su Installer

Organization	xda-developers.com
Client	Sony Xperia 2011 and 2012 Family
Tools	Eclipse, Github, Gedit, Notepad++, ADB
Technology	Linux, Android, Edify, Shell, Java, AROMA
Responsibilities	Research, Design, Develop, Testing, Documentation, Support
Duration	Feb 2011 to Aug 2013
Description	<p>It allows you root and install your favorite root management app with related su binaries in just a click. It is one of the simplest methods for installing su binaries and root manage app to your device. It can also help you in solving all root related issues. It can also help in changing the current root management app.</p>
Project Link	http://bit.ly/SuInstaller