Dayasudhan K G

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Objective

To be innovative, challenging and flexible to any environment with my Technical and interPersonal skills.

Summary

15+ Years of experience in Software Development in **Javascript/Typescript/Java/C++/C.**
Experience in **Full Stack software development** ,**E-Commerce**, **Mobile Application development.**
Experience in **React JS** ,**Node.js ,Android, Web services (SOAP , Rest ,GraphQL), Docker , J2EE, Linux, Symbian OS, J2ME , MongoDB , Angular.js.**
Experience in **Data Structures, Design patterns, Algorithms and OOAD concepts**.
Worked In **Agile methodology**.
Excellent communication, problem solving and analytical skills.
Good team member, positive attitude and result oriented.
Self-motivated, quick-learner, willing to adapt to new challenges & new technologies.

Professional Experience

Worked as **Full Stack Engineer** at **Hively Workspace LLP/Beehively,** Ahmedabad, India from December 2021 to Till Date
Worked as **Full Stack Engineer/Founder** at **Kuruva Technologies LLP,** Bangalore, India from September 2016 to November 2021
Worked as **Senior Software Engineer** at **PayPal India Pvt. Ltd.,** Chennai, India from August 2012 to August-2016
Working as **Senior Software Engineer** at **Symphony Teleca,** Bangalore, India from September 2010 to July 2012.
Working as **Senior Software Engineer** at **Patni Computer Systems Ltd.,** Bangalore, India from December- 2007 to September 2010.
Worked as **Software Developer** at **Endeavour Software Technologies Pvt. Ltd.,** Bangalore, India from September- 2006 to December-2007.

Education

B.E., from GMIT Davanagere Karnataka (Visveswaraiah technological university) in July-2006.

Technical Skills

Languages Javascript, Typescript, Java, C++, C Platforms Android, node.js , Linux, Symbian OS, J2ME IDE's Android Studio , Microsoft Visual Code
OS Android , Linux

Cloud Platform AWS, Heroku, Microsoft Azure, Google Cloud Source Control GIT

Job functions Team leader, Coding, Integration, Design, Documentation,Code review, Writing test Cases and Unit Testing.

Hively Workspace LLP/Beehively:

Beehively- Education software for School

Beehively is a product company , Working on School Management Projects. Worked on client requests, Software improvements and maintenance .

Responsibilities:
Design and architecture planning, Coding ,testing and full stack development.

Categories : Full stack Development
Services : Software Development , Testing, Planning .
Technologies : Node.js/Nest.js , React JS, PostgresQL, Rest APIs, GraphQL
Cloud : Amazon Web Service

Kuruva Technologies LLP:

Kuruva Software is focused on Mobile development, Web development (Front and backend), e-Commerce applications and working on Food delivery app as a product.

Categories : Android , Web Development & E-Commerce
Services : Software Development , Testing, Planning .
Technologies : Android, Node.js, Angular JS, MongoDB, SQL, J2EE, Rest APIs, Firebase

Cloud : Heroku, Amazon Web Service, Microsoft Azure, Github
Web : HTML5, CSS3, Frameworks
Graphics : Photoshop, Illustrator

Project: **Khaanavali - Food Delivery App**
Location Bangalore
Platform: Node.js, Angular.js, Android, MongoDB., Heroku (cloud),Rest Api.
Languages: Java, JavaScript

Product Aims at delivering the food to doorsteps and provide cash on delivery. The food can be ordered from Android App and Website. The technologies involved are Node.js, express.js for backend REST web services, database using MongoDB. Front end involved Android Mobile Platform, for websites Angular.js, Bootstrap, HTML, CSS. In future, we are planning to develop in IOS App too.

Responsibilities:
The Brain (founder), Project Planning, Marketing and leading the Team.
Full Stack software development, architect for both Backend and front end.

Project: Politicians App
Location Bangalore
Platform: Node.js, Angular.js, Android, MongoDB., Heroku (cloud Platform),Rest **Apies**.
Languages: Java, JavaScript
Product aims at politicians or celebrities to market their work to a fan base. Android App contains their daily work, activities,speeches, messages through text content , Images, Videos. and fans can share this content to friends. Some admin or Personal assistant of Celebrities will upload the content through a web terminal.

Responsibilities:
The Brain (founder), Project Planning, Marketing and leading the Team.
Full Stack software development, architect for both Backend and front end.

Project: **Call Center webApplication.**
Location Bangalore
Platform: Node.js, Angular.js, MongoDB., Heroku (cloud Platform),Rest Apies.
Languages: JavaScript
Client Cinfo

It is a web application to manage the phone call tasks for a call center between manager and executives. Manager will upload the tasks(executives need to call the customer and get the information and update the web application) and assign them to executives through the web app. And he can monitor through his window . Web app has separate login to executives, Manager

through their role.

Responsibilities:
Project Planning, Individual contributor , full Stack software development, testing , architect for both Backend and front end.

PayPal

Working on various E-commerce Projects like BOPIS, eBay Now and various Internal tools for analyzing the transactions.etc. Worked on Web Services using SOAP and REST APIS in J2EE , Node.js Platform. Also worked on web development using the Node.js, Express.js, Mongodb

Responsibilities:
Design and architecture planning, Coding , Scrum Master, Managing the Team across domains.

Teleca

Projects Undertaken:

Project : **In Vehicle Infotainment (IVI)**
Type : Development
Location : Bangalore
Platform : Linux, QT, QML , C++
Duration : 9 Months
The project aims in complete software development on Meego (Linux) for a IVI system. IVI is an in-car entertainment and information system demanded by car-buyers today. Features and applications include:
Rear seat entertainment(movies, games etc), Navigation, Radio, Internal connectivity to mobile devices , External communications.

Responsibilities:
Videoplayer Application Development (HMI) and bug fixing.
Pandora internet radio Application (HMI) and middlewar Development.

Project : **Symbian and S60 porting and integration**
Type : Porting and integration
Client : Nokia
Location : Bangalore
Platform : Symbian, C++
Duration : 6 Month

This project is development of a symbian S60 phone. The main scope of project is integration of various components delivered by several partners involved. The development and debugging phases of the project followed the agile scrum process. Further details cannot be provided due to confidentiality clauses.

Responsibilities:
1. Bug fixing.
2. Debugging
3. Integration

Project : **Mobile Roadie**
Type : Application
Platform : QT, C++
Duration : 4 Month
This project is development of Mobile Roadie apps for the QT platform. Mobile Roadie is a platform, where you can easily build and manage your own apps for various mobile platforms. Using this framework, users can create thousands of Mobile apps. Apps support UI controllers like Photo gallery, Multimedia players, Pictureflow, Fanwall, News etc.

Responsibility:
To implement fluid launcher.

Project : **Symbian and S60 porting and integration**
Type : Porting and integration
Client : Elektrobit Ltd
Location : Beijing, China
Platform : Symbian
Duration : 8 Month

This project is development of a symbian S60 phone. The main scope of project is integration of various components delivered by several partners involved. The development and debugging phases of the project followed the agile scrum process. Further details cannot be provided due to confidentiality clauses.

Responsibilities:
1. Bug fixing.
2. Debugging
3. Integration

Project : **Windows Mobile SyncML Development**

Type : Windows Mobile 6.0
Software : C++

This project aimed to develop a protocol known as "SyncML", which is use for transferring data from mobile device to the server and vice versa. The data to be synched be basically of type contact, calendar and files. The "SyncML" protocol provides facility to transfer these data.

Responsibilities:
> 1. To implement encoding and decoding functionalities using Base64 and UTF8 format.
> 2. To implement WBXML Parser.
> 3. Unit Testing and Debugging.
> 4. Writing test cases for various classes.

Project : **Photocaster**
Type : Development
Platform : Symbian OS (Series 60)
Software : XML, Symbian C++

Mobile photo caster brings up feeds and photos from remote server named Hulacast server on symbian device using GPRS connectivity. It has interface to view feeds, items, their details, photos, text comments. It also notifies the server about all user events, item downloaded, item opened and item saved.

Responsibilities:
To give functionality of the text comments to the application and upload into the server and download into the device.
Rendering the image on the screen.
Unit Testing and Debugging.
Project : **Photocaster**
Type : Development
Platform : Palm OS
Software : XML, C++
Hardware : Palm Treo 650
Mobile photo caster brings up feeds and photos from remote server named hulacast server on Palm device using GPRS connectivity. It has interface to view feeds, items, their details, photos, text comments and voice comments. It also notifies the server about all user events, item downloaded, item opened and item saved. And it also have audio player to play and record the voice comments.

Responsibilities:
> 1. To give functionality of the text comments to the application and upload into the server and download into the palm device.

2. To give functionality of the voice comments to the application and upload into the server and download into the palm device.
3. To create audio player to record and play the voice comments.
4. Unit Testing and Debugging.

Project : **Argosy (Offline Html Browser)**
Type : Development
Platform : Palm OS
Software : HTML, C++
Hardware : Palm Treo 650
Client : Argosy

This was a project of offline html browser in a palm device. Where the offline html pages are converted to the PDB on desktop side and at palm side parsing the PDB content and display the offline html pages in the palm device.

Responsibilities:
1. Parsing the PDB text content and load the html pages on the screen.
2. Parsing the PDB image content and display on the palm device.
3. To give search functionalities to the html pages.
4. Unit Testing and Debugging.

Project : **BlogMusic**
Type : Development and design.
Platform : iPodLinux
Software : XML, C
Hardware : iPod
Client : Neptune
This was a project for online music community. Where the songs from the blogmusic (deezer) website can be synchronized with iPod. In iPod we have to display the music content and play the songs in iPod. We can browse the music by artist, album, playlist. And we can display the news and suggestions for the music in iPod.

Responsibilities:
1. To create the mp3 player
2. To prepare the IDD, project design and functional design.

Project : **Renal Functional Calculator**
Type : Development.
Platform : Symbain OS
Software : C++

This was a project to calculate various health factors like Creatinine clearance, Body Mass Index, GFR aMDRD, GFR MDRD6, GFR MDRD7, GFR Nankivell equations in Palm Device.

Responsibilities:
1. To implement various health related calculator in palm device.
2. Unit Testing and Debugging.
3. Release Management.

Project : **Mobile Data Management (MDM)**
Type : Development.
Platform : J2ME

Mobile Data Management (MDM) is a powerful, intuitive mobile-based program for questionnaire design, publishing, data collection and analysis designed in research service for survey management and processing. This dynamic software can do survey on research techniques, to questionnaire design, web surveys, data processing, report writing and consultancy.

Responsibilities:
1. Bug fixing.
2. To develop GUI for the forms like textbox, text editors, selection boxes etc. 3. To implement XML Parser functionalities.
4. Unit Testing and Debugging.

(Dayasudhan K G)