
POOVARASAN VASUDEVAN

Technical Architect

I'm a software professional, specialized in design and building application in All Programming platform. I have been working in software industry for the past 7 years. I have good experience in building large scale application using various Java framework & technologies. I have good expertise in building multi-threaded data driven application, mobile, web application & desktop applications. I have solid fundamentals of programming concepts, algorithms, design patterns & Object-Oriented Analysis and Design. I have strong belief in lifelong learning. I have a great passion in learning new technologies.

Major Strengths:

- Quick Learner, can adopt any technologies Fast & Easy
- Handle New Technologies
- Team Player & Leader
- Passioned about maintaining quality, secure and performance optimized code.
- Creative and critical thinking.
- Experience in Open-source Technologies
- Contributor for many open-source projects

Education:

- B.Tech (Information Technology), 2010-2014
- Higher Secondary (Math's / Computer Science), 2008- 2010
- SSLC (General Studies), 2007-2008

Certifications :

- Accord Certified Android Developer
- Oracle Certified Java Programmer (OCJP)

Expérience :

HTC Global Services Pvt Ltd

Chennai, Tamil Nadu

Year Feb 2015 to Current (> 7Years)

- **Programmer Analyst** from Feb 2015 to Jul 2016
- **Software Development Engineer** from Jul 2016 to Jul 2018
- **Senior Software Engineer** from Jul 2018 to Feb 2020
- **Technical Lead** from Feb 2020 to Aug 2021
- **Technical Architect** from Aug 2021 -

Technical Summary:

Operating systems	Linux, Windows, Mac OS
Languages / Front End	C, C++, Java, Node JS, Kotlin, Python, Ruby, Golang, Rust, SQL, React, Angular, Vue JS, Svelte JS
Version Control	Sub Version (SVN), Git
Databases	MSSQL, Postgres, MySQL, MongoDB, Neo4J, Cassandra, Oracle
Scheduler	Unix CRON, Quartz Scheduler
Tools/Utilities:	IntelliJ, Eclipse, VS Code, SQL Management Tools, Linux Administration Tools (SSH SCP)

Professional Experience:

Heartfulness, Hyderabad, Telangana

Developer, July 2015 to Mar 2017

Heartfulness

Project Description:

Developed & Manages Online Shop for Books & Magazine Subscriptions, Developed Billing Software for to Manages All the inventory & Online Transactions

Responsibilities:

- Gathering Requirement from client and Convert to Design Format (UML, Mockup)
- Based on Design converted to Database Tables, UI and server-side Coding
- Implementing invoice and RPOS System that connects to Salesforce & Tally
- Developed API for Salesforce to access Application data & Files
- Tools / Technologies (Ruby Debugger, SQL Studio, Webhooks (Payment Platform) OAuth)

Environment:

- Frontend: Angular 1, jQuery, Bootstrap
- Backend: Ruby, PHP, Java, Docker
- Database: MYSQL, Android,
- OS: Linux /Unix Environment

Heartfulness, Hyderabad, Telangana
Developer, July 2015 to Month Mar 2017
Phoenix

Project Description:

Developed & Manages Billing Software to handle large transaction and build product billing, and Invoice generation

Responsibilities:

- Gathering Requirement from client and Convert to Design Format (UML, Mockup)
- Based on Design converted to Database Tables, UI and server-side Coding
- Tools / Technologies (Ruby Debugger, SQL Studio, Webhooks (Payment Platform) OAuth)

Environment:

- Frontend: Angular 1, jQuery, Bootstrap
- Backend: Ruby, PHP, Java, Docker
- Database: MYSQL,
- OS: Linux /Unix Environment

Sahajvani, Chennai, Tamil Nadu
Developer, July 2015 to Mar 2017
Heartfulness

Project Description:

Developed & Manages Mobile based online store for HFN Magazine, SHPT, and Digital goods for IOS and Android

Responsibilities:

- Gathering Requirement from client and Convert to Design Format (UML, Mockup)
- Based on Design converted to Database Tables, UI and server-side Coding
- Tools / Technologies (Swift, Objective C, Kotlin)

Environment:

- Frontend: Kotlin / XML Layout, Swift
- Backend: PHP, Java,
- Database: MYSQL
- OS: Linux /Unix Environment

Caretech Clients, Troy, Michigan USA

Developer, Mar 2017 to -

Service Focus (Kinetic Replacement)

Project Description:

Reading / Understanding Existing Kinetic Software used by 60+ clients to Our Own Product, Develops Form Builder used to Develop forms to create tickets, Developed Workflow for managing Form Submission Flow, Develops API on the Top of Remedy For ITSM Ticket Creations

Responsibilities:

- Convert All Ruby based Workflow Task to C# based Task
- Convert all Kinetic based API into our Work CTSSPI APIs
- Uses Spring boot, Swagger, OPEN API for managing Remedy API

Environment:

- Frontend: jQuery, Bootstrap
- Backend: Java, Remedy
- Database: SQL Server
- OS: Windows 10

Caretech Clients, Troy, Michigan USA

Developer, Mar 2017 to -

Service Focus - 2 (ITSM)

Project Description:

Migrating Remedy to our own ITSM system, Understating Current Operation of Remedy and Migrate to our new System (ServiceFocus)

Responsibilities:

- Design Database Tables and Writing Procedure for ServiceFocus
- Migrating Remedy API to own API With Lucene / Database API
- Developed Knowledge Based Search and Integrating with ITSM
- Designed User friendly Workflow to Route Ticket Creation Process / Approvals

Environment:

- Frontend: jQuery, Bootstrap
- Backend: Python, Java, Lucene
- Database: SQL Server
- OS: Windows 10

Caretech Clients, Troy, Michigan USA

**Developer, Mar 2017 to -
Service Focus - 2 (Agent Interface)**

Project Description:

Developed and Interface for Caretech and their client Agents to Manages the Ticket and Other Approval Process, Developed Email based Ticket Creation with Microsoft Exchange Server

Responsibilities:

- API Design and Table Design for Agent Interface
- Developing Reusable UI Component in React Framework and Python
- Developed Email Interface to Manages Email for Ticket Creation and Triage
- Parent Child Mapping Screen for Marking the Tickets

Environment:

- Frontend: React, tailwind CSS
- Backend: Python
- Database: SQL Server,
- OS: Windows 10

St Tammany, Covington, LA USA

**Developer & Lead, May 2020 to Dec 2020
St Tammany Mobile Application (IOS / Android)**

Project Description:

Developed Android & IOS Mobile Application to Find the Doctor & Manages Doctor Appointment, and Schedule notification For ER Wait time

Responsibilities:

- API Design and Table Design for Mobile App / API
- Developing Reusable UI Component That can be Used in Both Android & IOS
- Developed Push Notification Service for Realtime ER wait time
- Developed Newsletter Notification and Appointment Booking

Environment:

- Frontend: Kotlin, Jetpack Compose, Swift UI, Combine
- Backend: C#, .net Core
- Database: SQL Server,
- OS: Windows 10 & Mac OS

St Tammany, Covington, LA USA
Developer & Lead, May 2020 to Dec 2020
St Tammany Chatbot

Project Description:

Developed Chatbot that guide users for Users / Doctors / Patient to Search for Doctors and Event Registration with AI & Machine Learning

Responsibilities:

- Develop Search Engine Based on User Doctor Criteria
- Navigate the user to Correct Search Result
- AI / ML Algorithm for next user conversation
- API and Integration with CMS

Environment:

- Frontend: React, tailwind CSS
- Backend: Python
- Database: SQL Server,
- OS: Windows 10

Caretech Clients, Troy, Michigan USA
Developer, Mar 2020 to -
Service Focus - 2 (Mobile Application)

Project Description:

Develop the Mobile Application for Service Focus to Trach the status of the Ticket / Raise the Ticket, Manages Notification, Approvals and Assignments

Responsibilities:

- API Design and Table Design for Mobile Application
- Developing Reusable UI Component in Flutter Framework
- Developed Camera based module for IOS and Android for Asset Scanning
- Realtime Notification Push Server

Environment:

- Frontend: Flutter
- Backend: Swift, Kotlin, Java, NodeJS
- Database: SQL Server,
- OS: Windows 10 & Linux (Ubuntu 20.04)

Caretech Clients, Troy, MI USA
Developer & Lead, Mar 2020 to -
Service Focus - 2 (Live Presence)

Project Description:

Develop the Collaboration and Notification Platform for ServiceFocus to manage notification and Trach the Users online Realtime

Responsibilities:

- API Design and Table Design for Live Presence
- RT Notification for Both Mobile, Web & Desktop
- Develop High Performance Socket Based Presence Server
- Real time Notification on User Presence

Environment:

- Frontend: React, tailwind CSS
- Backend: Python
- Database: MongoDB,
- OS: Windows 10

Personal / Hobby Projects:

<u>Platfor m</u>	<u>Title</u>	<u>Link</u>
Android	Tamil TV	https://play.google.com/store/apps/details?id=com.poovarasam.tamiltv
Android	Tamil TV (TV Version)	https://play.google.com/store/apps/details?id=com.poovarasam.tv.tamiltv
Android	QR Scanner	https://play.google.com/store/apps/details?id=com.poovarasam.qrscanner
Android	Universa l Status Saver	https://play.google.com/store/apps/details?id=com.poovarasam.statussaver
Android	Tamil Radio	https://play.google.com/store/apps/details?id=com.poovarasam.isaikuruvi

Personal Information:

Full Name	Poovarasam Vasudevan
Father Name	Vasudevan N
Date of Birth	11 Aug 1992
Hometown	Gudiyattam Vellore Dist.
Phone	+919789356631