Palaniraja P

Technical Architect – Mobile Applications

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Please refer: **Contact section** for additional information

Career Focus

Senior Technical Architect with extensive experience in solution design, development, implementation and distribution of native and cross platform mobile applications for consumers as well as large enterprise since original iPhone SDK. Relevant mobile experience ~10 years and overall ~15 years professional software development experience. I still code to deliver POC during discovery phases for technical assessments and support development teams.

Extensive knowledge on mobile development end-to-end (concepts to development, testing to distribution and support). Primarily iOS, but has hands-on experience on Web, Cross-Platform and other mobile technologies. Always try to stay on top of latest technical solutions, tools including from other platforms and suggest wherever necessary.

Hands on experience in several domains including Media, Finance, E-Commerce, CRM, Sports, Education, Artificial Intelligence (BOTS, Voice interfaces and NLP) and Machine Learning (Training and Image classification) etc.,

Summary of Skills

- Solution Architecture
- Business solutions
- Client relations (Technical)
- Process optimizations
- Capacity planning & support
- Coding

- Solution Assessments
- Technical Design & Documentation
- Requirement Gathering
- Technical support
- Research
- Prototype development

Roles and Responsibilities

- Developed applications and application architecture for small-to-large solutions
- Conducted several mobility assessments for clients and developing mobility roadmaps
- Identify and improve processes to ensure alignment between the business strategies and application technology roadmap

- Good knowledge in troubleshooting applications to help our clients or teams to fix bugs and performance issues
- Good in Communicating architectural decisions to business stakeholders as well as documenting technical design specifications with class models, diagrams, component models for team
- Mentored team leads and developers alike. On development, tools, sharing and guiding best practices
- Fast learner with strong problem-solving skills, adaptable, proactive and willing to take ownership
- Collaborated in the planning, design, development, testing, scaling and security of the applications

Technical Skills

iOS — Objective C, Swift

Built and support several applications features:

- Online, Offline only, Offline supported and Offline with Sync apps

- REST, Microservices, Monolithic services, SOAP and ESB integrations

- Apple Pay, Stripe and several payment gateway integrations

- Sqlite, CoreData and several ORM

- iPhone, iPad, Watch and Universal applications. (NIB -> XIB ->Storyboard, Struts-Spring -> Auto-layouts and Traits)

- Multi-lingual support for apps

- Integration with device censors and external hardware (BLE, NFC, 3rd party SDK)

- UIKit, Foundation, Networking, Core Location and MapKit, Core Animation, PDFKit, CoreML, ARKit

- Severall popular 3rd party frameworks. Eg., AFNetworking, Alamofire, CocoaLumberjack RESTKit, Fitbit etc.,

Web — HTML, CSS, JS (NodeJS, React Native, Angular, Vue)

Built and support several websites and systems:

- Custom CMS system and REST API using Node, Express and VueJS

- Mobile-web apps for intranet news for SharePoint backend

- Responsive Web design and WAP websites – Blackberry days'

- E-Commerce, CMS Systems and websites

-   Developed several CMS systems

Cross-Platform Technologies – (Ionic, React Native, Cordova, Android Native, IBM Mobile First, Kony)

Built and support several applications:

-   Supported team with IBM MFP and Kony technologies

-   Ionic (v1) and Angular applications (v 1 and 2)

-   Developed and Supported React Native applications

-   Cordova applications (since PhoneGap)

Scripting – Python, Bash, PHP, Google App Scripts

Built and supported several scripts:

-   Support scripts for DevOps for proprietary data loading for each environment
-   Built a plugin for editor to support developers
-   Built custom applications for intranet users for project management in Google App Script
-   Setup DevOps for small teams before DevOps were a thing
-   Several scripts to automate deployment circa Subversion infancy

Miscellaneous

Over the years, I have built several hobby projects varying like hardware hacking with Raspberry Pi, Digital Photo frame plugin for Kodi, Mac OS X applications, building a migration tools, shell scripts for automations, submitting issues and patches to open source softwares.

More at http://resume.github.io/?palaniraja

Experience – (~15 years)

Current: Oct 2013 - PRESENT
Indian multinational IT company, Chennai – *Senior Technical Architect*

-   Developed and supported multiple mobile applications built with Native iOS, Android as well as several cross-platform technologies
-   Lead solutions and supported several high-profile clients and projects

- Senior member of Centre of Excellence Team (mobile) to support solutions for multiple clients across several domains
- Assess and Implement new technologies for feasibility and cost-benefits
- Lead several teams from 3 – 10 people on several projects on full-time
- Supported several projects on solutions and technical support
- Supported sales team on impact analysis on existing system and proposals
- Awarded top ratings three years in a row for my performance in several projects

Last: Jun 2010 – Oct 2013
Indian IT company, Chennai – *Senior Technical Lead*

- iOS applications development with Salesforce CRM services and Ecommerce
- Built couple of white labelled products for Sales Personnel – Field management apps
- Also built a complete email client (similar to mail.app or outlook.app) that support multiple POP3, IMAP providers for iOS before extensions were a thing
- Awarded as Star resource (couple of times) for completing challenging projects and praise from customer.

Rest:
Few small to medium size IT companies, varying from Startups to companies with fewer than 300 peoples.

Education

MCA - Master of Computer Applications
Madras University, Tamilnadu, India

B.Sc., (CS) – Bachelor of Computer Science
Madras University, Tamilnadu, India

VISA's

- US - H1B
- UK B-Visa
- US B-Visa

Contact:

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India Mobile: {REFER BELOW}

Please send me an email or leave voice mail with details about the opportunity and your contact information.

For US and India opportunities, I request you to send an email with your contact information for me to call you to discuss about the opportunity.