**Murugavel (Vel) Rajasekaran**

[**RMVel@outlook.com**](mailto:RMVel@outlook.com) **+1 (469) 850 4358**

Experienced in Product development, Embedded software development, Global projects management, Software Design & Architecture and Customizations of new or existing products.

Demonstrated success in consumer-facing products – NEC’s Unified Communications and Call Center applications which helped to be a business leader in Key Telephone system SMB market.

Reported to Executive-level, Managed development across globally distributed teams and have been part of the successful product launches.

With 25+ years of software and product development experience, highly personable and initiative-taking professional with versatility to work among diverse groups and provide solutions to complex problems effectively with product and technical background.

**EXperience**

NEC Corporation of America / NEC Infrontia Inc

MOTOROLA India (Motorola US/Japan)

MPHASIS-BFL India (NEC Australia)

**Dallas, TX**

**tech consultant – marutvum services**

Apr 2020 – present

* Managing a start-up team developing a new healthcare portal. The Cloud based app utilizes Google Cloud with 3rd party audio/video solution.

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| **SENIOR design engineer NEC** | **Irving, TX** |

Mar 2005 – Apr 2020

* With immense knowledge of telecom and mobile software development I was recruited into the Design and Development group to manage the NEC Key Telephone systems Unified Communications projects.
* Worked with multiple internal teams in US market and other global market. Managed the release of UC applications to NEC global markets.
* Worked with Product Managers to design new features as per the market requirements.
* Helped the 3rd party developers and applications, like Salesforce and Outlook, to integrate with NEC Unified communications and Call Contact Center applications.
* Developed the Hotel Motel Interface to integrate NEC Key Telephone systems to Hotel POS applications like Micros Opera and other POS applications.
* Developed the Android Marketplace application for Android based terminals
* Provided IVR solutions with the in-skin based server. Developed customized IVR solutions like Water bill payment, appointment reminders and parking ticket.

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| **SENIOR architect motorola** | **Bangalore, India and Chicago, IL** |

Apr 2001 – Feb 2005

* Senior Architect in the 3G and HSDPA development team to design and migrate all software development to one global platform.
* Lead a team to integrate 3rd party software modules like multimedia engine, language parser and browser engine. Developed the bootloader updates for the new 3G phones.
* Was part of the team to bring in the new features, SIM based applications, Assisted GPS, new languages for global market, OPERA browser on the new color display phones.
* Worked with NTT-Docomo to introduce the 3G phones to Japan market. This included market requirements analysis and integration of the Avatar Engine and other video features to the Motorola 3G phones.

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| **Project leader – bfl-mphasis** | **Bengaluru, India and Melbourne,**  **Australia** |

Aug 1995 – Apr 2001

* Extensively worked for the NEC Australia Pty client projects.
* Worked on multiple projects on NEC Key Telephone system, OEM systems and ISDN Terminal adapters from a developer to leading the teams. The developed features like Background Music when idle, Call Forward External and Answer in incoming order which were popular in the Australian market small business users.
* Was part of the development team to introduce the ISDN trunks support BRI/PRI cards in the Key telephone system. This exposed to the ISDN protocol and testing environments. Had to support to get the ISDN cards certified for Telstra and other Australian operators.
* Had travelled to NEC Australia and Tokyo on multiple occasions to discuss with the development team and Product Management team, as well as to support the end customer install and verification.
* The Call Forward project, as a Project lead, was presented for BFL ISO 9000 certification.

**technical skills**

***Have worked on projects with*** C, C++, C#, Java, assembly languages, Android applications, Visual Studio applications, Web applications, Bootstrap, JQuery, Postgres, MySQL, SQL databases and embedded OS.

***Scripting languages***: PHP, CGI, sed, awk, Bourne shell programming and Perl

***Debuggers and Simulators***: JTAG, ICE, ISDN simulator - K1297, CO and ISDN network simulators

***Note:*** I have worked extensively on third party software, with little to non- existent documentation.

**EDUCATION**

**Bachelor’s Degree in Computer Science - Malnad College of Engineering – University of Mysore, India**

* Award from NEC Australia for bringing two products to the market ahead of schedule.
* Appreciation letter from the NEC Australia for my contribution for their core revenue products.