

RESUME

RAJESH JEYAKRISHNAN

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SUMMARY

- 6 Years of experience in full software development lifecycle from requirement gathering to delivery of the product.
- Equipped with the knowledge of analysis, development & coding for modules, Basic Designs as per the client's requirements.

WORK EXPERIENCE

- **Technical Lead** at HCL Technologies Ltd., Mumbai from July 2021 to till date.
- **Senior Software Engineer** at HCL Technologies Ltd., Mumbai from February 2019 to June 2021.
- **R&D Software Engineer** at Aczet Pvt. Ltd., Andheri from February 2016 to January 2019.
- **Project Research Assistant** at IIT Bombay from April 2013 to January 2016.

TECHNICAL SKILLS

Worked on : C++, C, Win32, VCL, DLL, WinAPI, COM

Basic Knowledge on : C#, Visual Basic

Development Environment : Visual Studio, Embarcadero, Borland builder, Xcode

Compilers : MSVC, GCC

Operating Systems : Windows 10, 7, XP, Linux

Other Tools : JIRA, AQTime, Visual Leak Detector, Klocworks, Jenkins

PROJECTS

Company: HCL Technologies Ltd., Airoli, Mumbai

Client: Manufacturing Industries(Sheet Metal, Wood, Leather, Garments)

Project: NestLib - Nesting software Library of algorithms that helps in automatic true-shape nesting and increases productivity through optimal utilization of raw material.

Responsibilities:

- Handling bug fixes, enhancement and code maintenance
- Handling customer support, analyzing the customer queries and responding with appropriate feedback
- Conducting static code analysis exercise using Klocworks
- Handling performance evaluation and memory leak detection using AQTime and VLD
- Conducting unit, regression testing and delivering customer specific build deliverables
- Following the agile process and maintaining the overall quality of product

RESUME

Company: Aczet Pvt. Ltd., (Citizen Scales Pvt. Ltd.,) Andheri, Mumbai

Client: Jewellery Industries, Banks (Jewellery section)

Project: Data Acquisition module - EDXRF spectrographic application

Responsibilities:

- Developing data collection and communication module using USB HID and CDC(Serial) classes
- Developing data processing module for XIA(DSP processor)
- Developing USB camera application and integrating with XRF spectrographic application

Project: XMaster - EDXRF spectrographic application

Responsibilities:

- Spectrum processing and writing spectrum in .spc, .mca file formats
- Displaying processed results in UI(created in VCL)

Institute: Indian Institute of Technology Bombay, Powai, Mumbai

Project: External Calibration of Polarimetric SAR systems and software development

Client: Indian Space Research Organization (ISRO), India

Responsibilities:

- Conducting external calibration experiments for RISAT-1 using Corner Reflectors
- Developing and implementing different calibration algorithms using C and Matlab

RECENT ACHIEVEMENTS

- Recognized as **Product Champion**
- Recognized as **Star of the Sprint** in project sprint activities
- Recognized as **Excellent Performer** in customer support activities

CONFERENCES/WORKSHOPS

- CEOS SAR Calibration and Validation Workshop 2015, ESA-ESTEC, Netherlands.
- NISAR Science & Applications Workshop 2015, SAC-ISRO, Ahmedabad, Gujarat.
- IEEE (ET2ECN) International Conference 2014, SV NIT, Surat.

ACADEMIC QUALIFICATIONS

- **B.E.** (Electronics and Communication) from Anna University Chennai with CGPA 7.5 in May 2012.
- **Diploma** (Electronics and Communication) from DOTE, Tamil Nadu with 94% in April 2009.
- **SSLC** from Tamil Nadu State Board with 93% in April 2006.

PERSONAL SKILLS

- Team facilitator, ability to work effectively in both team and individual
- Having eagerness to adopt and learn new technologies based on project needs

OTHER ACTIVITIES

- Research on Sports Performance Analysis, Playing Cricket, Trekking, Reading Novels

DECLARATION

I, hereby declare that all the details furnished above are true to the best of my knowledge and I take the sole responsibility of the above.

Date:

Place: Tirunelveli

Rajesh Jeyakrishnan