

## ARUN KUMAR



#260, Mathrushree Nilaya, Rampura,  
Virgonagara Post, Bangalore-49.

Mobile: +91-9980130541  
[reddyarunkumar@gmail.com](mailto:reddyarunkumar@gmail.com)

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### PROFILE

Highly motivated software engineer currently working as Technical Specialist at QSI Healthcare; looking to apply all my technical knowledge and project development skills in the context of application development. Demonstrated ability to work in teams and to develop and manage complex web based projects within time constraints. Good experience in AGILE project development process.

### EXPERIENCE

*May 2014–Present:* Technical Specialist at QSI Healthcare Solutions Pvt. Ltd. I played role as team lead and junior Architect. Major responsibilities was designing the solution with viable proof of concepts and developing the service layer components for ESB and web service based applications.

*May 2011–May-2014:* Senior Software Engineer at Cerner Healthcare Solutions Pvt. Ltd. I played a leading role to design and develop service layer and user interface components for web based application.

*July 2006 to April-2011:* Associate Consult at Siemens Information Systems. I played a role in developing and testing service layer and user interface components for web based application.

### EXPERTISE

#### *Professional capabilities*

- 9.5 years of experience in Software Development.
- High-quality software development for web based applications.
- Modular, scalable, robust and reusable code
- Performance optimization, progressive enhancement, usability, and user experience.
- Using semantic of **ExpressJS, MongoDB, Struts2, MyBatis 3.2, Spring 4.0, Spring Boot, REST API's Web Services, Google Guice, Postgres SQL and Oracle10g.**
- Work in the agile process, with daily **scrums**.
- Worked on different Application and Web Servers like **NodeJS, IBM Web Sphere, Apache Tomcat and Jetty.**
- Extensive experience in different IDEs like **Sublime, RAD, Eclipse, and NetBeans.**
- Experience in web application design using open source MVC **Struts2** Frameworks.
- Strong experience in developing data models using **MyBatis** and configuring MyBatis.
- Experience in various methodologies like **Agile** and **Waterfall.**
- Good communication and interpersonal skills and involved in client interactions.
- Good knowledge on using the **JIRA** tool for scoping, effort estimates and status reporting.
- Experience in configuring the **Hudson/Jenkins** jobs for nightly builds.

- Experience in configuring and working knowledge on **AMQP** services in java (**RabbitMQ**).
- Knowledge on setting up the **Redis** for caching technologies.
- Knowledge on setting up the **Solr Search engine** for searching techniques.
- Experience in use of **GIT**, **SVN** and **clearcase**.

### *Technical skills*

- Java/J2EE, C and C++ Programming
- HTML, JavaScript, Free Marker [FTL] and AJAX
- Experience working in MVC environments (Struts Framework).
- Working knowledge of Oracle SQL
- Experience working in Web/Application servers like Tomcat 6.0 and Web Sphere8
- Experience working in Java OR mapping technologies like MyBatis.
- Experience working in Dependency Injection techniques like Google Guice and Spring4.0.
- Experience working in Spring AOP concept
- Experience working in RabbitMQ services and configuration
- Experience working in all types of web services like jersey, Spring and JAX-RS RESTFul.
- Building and Deployment tools like Maven2 and ANT.
- Experience working in Windows, LINUX and Mac Operating Systems.
- Experience working in MEAN stack concept
- Experience working in Passport concept for authentication model
- Experience working in Bootstrap library concept for CSS styling

## EDUCATION

### *V T U Belgaum, India*

MCA, Computer Applications 2003–2006 with aggregate of 79.92%

### *Bangalore University Bangalore, India*

BCA, Computer Applications 2000–2003 with aggregate of 77.82%

## ACHIEVEMENTS

- Nominated and selected for best employees in the QSIH in the R&D department and eligible for getting 15-20% management bonus on every year.
- Received several recognitions for Best developer in Web Application projects in Cerner Corporation
- Filed an innovative idea at SEIEMENS for playback [Go-Transit] device to show the special signal at train crossing the signal.

## PROJECTS

### *Technical Specialist at QSI Healthcare India PVT LTD*

**NextGen Now:** NG7 is a flagship cloud based platform comprising of electronic health record, practice management, scheduling, document management, population health and connectivity. It provides complete end to end solution for enterprise level Hospital management system.

**Role:** Team Lead plus junior Architect. Designed scalable service architecture to support the common web standards and also build the control.

**Technologies Used:** Java8, Spring Boot, Spring Core, MyBatis, AspectJ, Redis , AMQP, and Postgres SQL

### *Software Engineer at Cerner*

**uLearn:** It is a web application that enables users to take online courses available in content server and assessments and enroll into instructor-led sessions. The tool is very well capable of generating various kinds of reports for statistical purpose with charts and graphs.

URL: <http://ulearn.cerner.com>

**Role:** Mentor for 4 people with module design and development, designed scalable service architecture to support the common standards and also build the control layer using Java in Struts framework in combination of free marker templates.

**Technologies Used:** Java5, Struts2, MyBatis, Maven 2.1, junit 4.0, Web Sphere 7.0, Oracle 10g, HTML and Free Marker

**Conference Event Registration Application:** This is an online tool to register to attend a conference event.

URL: <https://events.ucern.com/CHC2013/>

**Role:** Module design and development; designed scalable service architecture to support the common standards and also build the control layer using Java in Struts framework in combination of free marker templates.

**Technologies Used:** Java5, Struts2, MyBatis, Maven 2.1, junit 4.0, Web Sphere 7.0, Oracle 10g, HTML and Free Marker

**Course Admin:** This is an online admin tool to create online course for Cerner. Here admins can create the course, in which admins can add reference links and/or Assessment links and/or Web Base Training files and/or few mime type files to course.

URL: <https://prod.cernerlearning.anager.com>

**Role:** Module design and development; designed scalable service architecture to support the common standards and also build the control layer using Java in Struts framework in combination of free marker templates.

**Technologies Used:** Java5, Struts2, MyBatis, Maven 2.1, junit 4.0, Web Sphere 7.0, Oracle 10g, HTML and Free Marker

### *Associate Consult at SIEMENS*

**Go-Transit:** Playback application for new clients [New York metro i.e. Go Transit] which is part of Train traffic control system.

**Role:** Developer; prepared scalable architecture to support the common standards of train traffic system and also build the control layer using Java.

**Technologies Used:** Java5, Oracle 9i, Ant Script

**Airport Solutions:** prototype model for small airports to show the flight arrival and departure times.

**Role:** Developer; web application using servlets and html programming.

**Technologies Used:** Java, Servlets, MySQL, HTML and JavaScript