

PRABHAKHAR KALIYAMURTHY

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SUMMARY OF QUALIFICATIONS

- Strong leadership and management skills, with experience in leading international teams on large projects
- Seasoned Software Engineer with 9 years of large systems software design and development experience
- Extensive programming experience in Java, C/C++, JavaScript
- Exceptional problem-solving expertise, analytical skills, and enthusiasm for tackling diverse technical challenges
- Expertise in data structures, algorithms and complexity analysis
- Extensive knowledge and experience with n-tier architectures, Concurrency, Object-Oriented concepts, RESTful Web Services, Design patterns, and Refactoring
- Thorough understanding of HTTP and other web protocols
- Well respected project management skills, emphasizing agile practices (scrum, xp)

COMPUTER SKILLS

- Programming: Java, C/C++, Scala, Python and JavaScript.
- Platforms: Linux, OS X, Windows.
- Others: Node.js, Puppet, Java Internals, git and UNIX Internals.

EDUCATION

- 1999-2002 Master of Computer Applications
College of Engineering, Guindy (CEG)
Anna University, Chennai, India.
- 1996-1999 Bachelor of Science in Physics
Bharathidasan University, India.

PROFESSIONAL EXPERIENCE

2008-present: Member of Technical Staff at eBay Inc.,
Systems/Platform Technology group.

Lead Contributor to ql.io - an open-source platform to make HTTP consumption super simple and performant at scale. <http://github.com/prabhakhar>

Admin for many npm packages like cluster2, ql.io-engine, ql.io-compiler etc., in npmjs.org

Lead designer for operationalizing Jersey (JSR 311) within eBay. Implemented JAXRS 2.0 features like 'hypermedia constraints', client side asynchronous APIs, client auto-redirection, centralized logging. monitoring etc.,

Led SOA Framework, an asynchronous, high performant framework to ease the development of web services within all eBay business domains. The framework provides Location Transparency, Protocol and Data-Format independence, Versioning, Monitoring, and other features required for RPC, like request-response pipelines etc.,

Project Lead for open sourcing the above mentioned SOA Framework, code-named Turmeric. <http://bit.ly/RvPt9G>

Notable contributions :

Support for Protobuf message format - Benchmarked the SOA Framework and helped to identify the bottle-necks - Dependency Injection through Guice - Service Configuration through API - Support business teams to effectively use the framework

Developed a database-based Messaging framework called 'Business Events Streams' a high-performance infrastructure for integration eBay system components using asynchronous, persistent, transactional business event streams.

2007-2008: Technical consultant at American Power Conversion.
Programmer Analyst at DataMethods

Designed and implemented a customized scalable solution for APC Warehouse systems based on Oracle WMS product.

2003-2007: Senior Member Technical Staff, ORACLE India Pvt Ltd., Bangalore.

I was part of the Directory Services team of Oracle Fusion Middleware. Worked on the integration of LDAP server and LDAP tools with Oracle AS11g. Also implemented Referential integrity in Oracle LDAP server. Fixed many bugs in OID Bulk tools which are part of Oracle LDAP Server.

Previously part of Shipping and Transportation module of Oracle Fusion Applications

2002-2003: Staff Engineer, INFOSOURCE MIGRATION TECHNOLOGIES, Chennai.

Joined a 7-person startup implementing a comprehensive migration solution across a wide range of databases such as Oracle, SQL Server, IBM DB2, MySQL, and PostgreSQL. Technology: C++, Java and SQL.

PERSONAL DETAILS

Born: 24th May 1978, India.

Residence: 4270 Albany Dr, APT H206, San Jose CA 95134