



# KUMAR ABHISHEK

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## SUMMARY

- 12+ years of experience working with MNCs like Cisco Systems, Samsung, Yahoo, & Hewlett Packard.
- Currently working as Sr. Tech Lead with Cisco Systems, Bangalore from March 2013.
- Proven experience in architecting large scale web applications.
- In-depth expertise in design & development of distributed systems using AWS including S3, EC2, NoSQL, VARNISH, HAProxy, Stunnel, NginX, etc.
- Expert knowledge of HTML5, JavaScript, CSS, Nodejs etc.
- Strong experience in developing complex frontends using frameworks like Angular.js, JQuery, Sass/Less etc.
- Strong background in OO Design and Development including design patterns.
- Outstanding motivator with experience in working with Agile-methodologies.
- Exposure to Bigdata and Hadoop ecosystem.
- Good mentoring and supervisory skills with vast experience in managing and prioritizing under tight deadlines
- Excellent organizational and communication skills.

## EDUCATION

- Post-graduated from BITS, Pilani in 2009 with a MS degree in Software Systems.
- Graduated from R.V. College of Engineering, Bangalore in June 2005 with a B.E degree in Information Science and Engineering.
- Passed C.B.S.E XII<sup>th</sup> from J.N.M School, Dhanbad in 2000.
- Passed C.B.S.E X<sup>th</sup> from Delhi Public School, Dhanbad in 1998.

## SKILLS

### *Languages:*

JavaScript(ES5, ES6), Java, PHP, C, C++, Perl.

### *Web:*

HTML5, XML, CSS3/SASS/PostCSS, ES6/Typescript, WebSockets.

### *Units & E2E Automation:*

TDD/BDD (Karma, Jest, Jasmine and Phantomjs), Protractor.

### *Backend:*

Node.js, Express.js, Jersey.

### *Database:*

MySQL, NoSQL (Mongo DB, Redis).

### *UI Frameworks:*

ReactJs, AngularJs 1, AngularJs 2, JQuery.  
*PaaS:* AWS (EC2, S3, Cloudfront, ROUTE 53).

### *Web Stack:*

VARNISH, HAProxy, Stunnel, NginX, Nodejs.

### *System:*

Multi-threading, Networking, and System Programming.

### *Versioning Systems:*

Git, SVN, Clearcase.

## EXPERIENCE

### Cisco Systems

*Sr. Tech Lead | Mar 2013 - Present*

- Leading a team for ReactJs based UI Framework development.
- Design and development of Java and HTML5 based solutions for Cisco Unified Contact Center.
- Identifying non-functional requirements such as performance, browser compatibility, security, portability and scalability of the application, reporting findings and recommendations for improvement.
- Responsive and scalable designs using Angular.js, bootstrap, foundation, Saas, etc.
- TDD and BDD (Karma, Jasmine and Phantomjs) and E2E functional automation (Protractor).
- Conducting high-level analysis and design reviews with team members to ensure consistent implementation of solutions across related products and to ensure that completed components will provide all required functionality.
- Scrum, Agile methodologies.

### Eros International

*Technical Lead | Sep 2011 - Mar 2013*

- Overall backend development of web applications (ErosNow & ErosNow Analytics) including Nodejs, Java, JavaScript, VARNISH, HAProxy, Stunnel, NginX, etc.
- HTTPS, REST APIs for catalog (Movies / Music videos / Short Content, etc.)
- User/Session Management, Social Network Login
- Frontend development using HTML5, CSS3, JavaScript, LESS, Jade, etc.
- Movie Subtitles, Online Subscription, Advertisement (Preroll, Companion, etc.)
- Optimization & performance tuning for iPad & IE, Google Analytics.

### Samsung

*Lead Engineer | June 2009 – Sep 2011*

- Leading a team of application framework development for SAMSUNG bada platform.
- Reviewing code changes, refactoring, optimizing codebase as per requirement.
- Worked for design & development of modules in webkit based Samsung mobile browser.
- Worked for implementation of features & solving critical issues related to rendering.
- Mentoring & training new comers in C++, web technologies & tools.
- Received “Super Saver Award” for contribution towards total cost reduction of mobiles by developing webkit based web-browser.

**Yahoo***Senior Software Engineer | May 2008 – June 2009*

- Design & development of yahoo participation platforms.
- Implementation of new features based on PRD (project requirement document).
- Participating in low-level design & architecture of component interfaces at API level.
- Reviewing code changes & providing unit-tests for various use-cases.
- Recognized for making end-user experience better by utilizing time-zone information for deciding time of subscribing for yahoo alerts.

**Hewlett Packard***Software Engineer | June 2005 – May 2008*

- Development of unit-tests for APIs sanity checks supported by libIO on HP-UX 11i.
- Porting various thread-unsafe components of libIO thread-safe using TLS.
- Key contributor and developer in IPMI team. Provided many design suggestions in the project, developed IPMI Tool in C++. IPMI Tool was OS\* application, where OS\* is a light-weight OS based on EFI (Extendible Firmware Interface).
- Design & development of VOIP based solution on Windows Mobile Platform.
- Windows Mobile 5 SDK based TAPI (Telephony API) functionality Integration of lower level features with higher level abstraction using VC++ based UI.