

KUMAR ABHISHEK

ABOUT ME

- Working as Principal Engineer with Bazaarvoice, for user generated content (UGC) portfolios.
- 17 years of product development experience with MNCs (Samsung, Yahoo, Hewlett Packard, etc) and Start-ups (Eros International - ErosNow, Bazaarvoice).
- Providing technical leadership for SaaS products of internet scale.
- Micro-services, server-less, auto-scaling, web performance
- E-Privacy regulations – CNIL (French Regulations)
- Web Accessibility – W3C-WCAG
- Agile methodologies, Team Building, Technical Mentoring.

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.

CONTACT

- kumarabhishek.opensource@gmail.com
- <https://www.linkedin.com/in/kumarabhishek>
- <https://kumarabhishek.github.io>
- [+91 9886283733](tel:+919886283733)



SKILLS

- **Cloud**
Amazon Web Service for **compute** (EC2, Fargate, ECS, ECR, Lambda, etc), **database** (RDS, Aurora, DynamoDB, Elastic Cache, S3, etc), network and content delivery (API Gateway, Cloudfront, Route53, VPC, Cloud Map, ALB, WAF, etc) to list a few.
- **Code**
Production grade design and implementation of various **services** and **applications** using Golang (v 1.17+) and **JavaScript** (ES 10+). Multiple aspects of **Clean Architecture**, and cloud design patterns (Rate/Quota limiting, Strangler, Saga, etc). Supporting multiple HTTP protocols on same port including **WebSocket** for real-time communication.
- **Micro Services**
Highly scalable internal / external **APIs** (REST, WebSocket, GRPC), over **TLS** (HTTP 1.1, HTTP 2) running as **containerised** microservices. Various kinds of authentication and authorisation system based on cookies and tokens securing endpoints. **Protocol Buffer** based encoding / decoding, etc.
- **UI**
Various **Web** based UI and **PWA** using JavaScript (React.js, Lit, etc) passing **Core Web Vitals** (LCP, FID, CLS) and **Web Accessibility** (W3C WCAG). Various kind of **layouting** using CSS (Grid layout, Flexbox, Box model, etc).
- **Regulatory**
Data privacy (e-privacy regulations) compliance for consent based first-party and third-party cookies (CNIL, CCPA) management. Meeting **VPAT** and W3C WCAG.
- **Tools**
VS Code, Git, Lucidchart, NoSQL Workbench, Slack, Atlassian Jira, Atlassian Confluence, Markdown, Postman, AWS CLI, **Chrome Developer Tools**, etc.

EXPERIENCE

Bazaarvoice

Principal Engineer | Mar 2021 - Present

- Representing India technical leadership team for various product offerings and portfolio.
- Driving non-functional requirements such as performance, security, portability and scalability.
- Full-stack architecture, development, maintenance of solution using AWS, Google, Cloudflare, etc.
- Key leader for driving technological innovation and solving business problems for customer delight and retention.
- Regulation & Compliance leadership at organisation level for ePrivacy – CNIL & Web Accessibility – W3C WCAG.
- Part of technical leadership group for India-Bangalore initiatives.

Cisco Systems

Architect | Mar 2013 – March 2021

- Design and development of Cloud native application for Cisco Unified Communication Technology Group (UCTG).
- Identifying non-functional requirements such as performance, security, portability and scalability of the application.
- Full-stack architecture, development, maintenance of solution on AWS.
- Represent technical leadership team for co-ordinating with product management and other stake holder for cloud based UCTG telemetry solutions.
- Scrum, Agile methodologies.

Eros International

Technical Lead | Sep 2011 - Mar 2013

- Overall backend development of web applications (ErosNow & ErosNow Analytics) including Nodejs, JavaScript, VARNISH, HAProxy, Stunnel, NginX, EC2, etc on AWS.
- HTTPS – SSL Certificate, REST APIs for catalog (Movies / Music videos / Short Content, etc.)
- User/Session Management, Social Network Login
- Frontend development using HTML5, CSS3, JavaScript, Pug, 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.
- Solving critical issues related to rendering, mentoring & training newcomers.
- 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 alerts.
- Updating REST APIs as per application requirements.
- Participating in low-level design & architecture of component interfaces at API level.
- Contributing to code-review and unit-tests.

Hewlett Packard

Software Engineer | June 2005 – May 2008

- Unit-tests for APIs sanity checks supported by libIO on HPUX 11i.
- Porting various thread-unsafe components of libIO thread-safe using TLS.
- Key contributor and developer in IPMI team. Developed IPMI Tool in C++.