

**SURAJ SHARMA**  
E-mail ID: [surajsharma121@gmail.com](mailto:surajsharma121@gmail.com)  
Mob: 91-9741370819

### **Career Objective**

To contribute to the developments in the field of Computer Science and Information Technology by involving in continuous learning and research to achieve career progression.

### **WORK EXPERIENCE (2+ yrs)**

Software Engineer  
at Webyog Softworks Pvt. Ltd  
December 2012 – till date

### **TECHNOLOGY USED**

Programming:  
Node.js, PHP, Java  
Database: MySQL, DynamoDB, Redis  
Version Control: Git  
Server: NGINX, Node.js  
APIs: AWS SDK & APIs, Stripe, Salesforce, Pocket, OneNote.  
Protocol Stack: TLS, IMAP, SMTP  
Job Servers: SQS, Gearman

### **EDUCATION**

B.Tech (CS&E) – 72%  
2008 - 2012 | UPTU  
XII – 74%  
2007 - 2008 | CBSE Board  
X – 82%  
2006 - 2007 | CBSE Board

### **Area of Interest**

Asynchronous Programming  
Web Development  
DevOps tools

### **Hobbies**

Cooking  
Reading Technical Blogs  
Watching Movies and Documentaries

### **Personal Details**

Current Location – Bangalore  
Date of Birth – 01st Jan 1991  
Skype – surajsharma121

### **Special Achievements:**

- President of ABACUS [2011-2012], a society of Department of CEA @ GLA University.
- Successfully organised Quintessence '12 – a socio-technical fest organised by ABACUS in collaboration with Computer Society of India (CSI).
- Won 1st position in E-Sabbath event (Windows Troubleshooting and Tweaking) at ABACUS's techfest 2010.
- Merit Certificate by CBSE & DAV CMC for securing 100% marks in Introductory IT in X.

### **PROJECTS**

#### **CloudMagic**

An email application with fast search and Cards integration with 3rd party services.

#### **July 2014 - present | Node.js developer | Action and Notification Layer**

- Optimised notification layer of CloudMagic in terms of cost, system requirements, reliability and code efficiency. We now send out more than 1 million push notifications an hour with very less system and service cost.
- Upgraded the whole SMTP/IMAP stack of CloudMagic Action Layer.
- Built internal tools using Angular.js to help our support team react quickly to various user queries.
- Built REST APIs using Express.js which are consumed by our email clients.
- Currently working on Optimising Action Layer of CloudMagic to make it more reliable, easy to debug and crash free layer.

#### **Platform/Frameworks/Services/Modules used:**

AWS Services like EC2, SQS, S3, DynamoDB. Node.js, Redis, Gearman, Express.js, Async.js, Bluebird.js, Angular.js, nodemailer, node-imap etc.

#### **CloudMagic**

#### **Oct 2013 - June 2014 | Website and Cards Developer**

- Redesigned the website of CloudMagic.com.
- Built the whole Cards framework along with various cards like OneNote, Pocket, Salesforce etc.
- Created local development setup of whole CloudMagic stack using Vagrant.
- Replaced a costly log monitoring service Splunk, with open source alternatives like Logstash, Kibana and Elasticsearch.

#### **Tools/Languages/APIs used:**

PHP, Kohana, Javascript, jQuery, HTML, CSS, Vagrant, Shell scripting etc.

#### **Webyog and Visifire portal**

Webyog portal is used to sell database management tools like MONyog & SQLyog and has CRM to manage company's sale.

Visifire Portal is used to sell charting solutions for Silverlight, WPS etc.

#### **Dec 2012 - Sept 2013 | System Administrator & Web Developer**

- Integrated google analytics and e-commerce tracking.
- Ran A/B testing for optimising download form.
- Implemented stripe based purchase in visifire.com.
- Moved the whole server stack from Rackspace to Amazon Web Services.
- Created local development setup for WY/VF portal using Vagrant.
- Enabled shopping cart drop-off tracking.

#### **Tools/Languages/APIs used:**

AWS Services like EC2, RDS, S3, VPC. PHP, Kohana, NGINX, Shell scripting, jQuery, HTML, CSS, Vagrant, Stripe.