

# RAJAT SHUKLA

Roopena Agrahara, Bommanahalli, Bengaluru KA - 560068

shk.rajat@gmail.com | +91 7406152642

## Objective

- To be an active employee in your company and to express and develop my skills for the mutual development of the company and myself.

## Summary

- A versatile software engineer, currently working with Webyog.
- Having 2+ years of experience, developing software solutions.
- Excellent programming skills and problem solving skills.
- Secured 95.05 percentile in pH test conducted by eLitmus.
- Curious and a quick learner.

## Education

- **G.B. Pant Engineering College** — Pauri, Uttarakhand  
*B.Tech in Computer Science and Engineering: June 2013*
  - Score : 69.96% (overall)
- **AISSCE, Standard XII** — CBSE, Delhi  
*Score : 83.20% (overall): June 2009*
- **AISSE, Standard X** — CBSE, Delhi  
*Score : 87.20% (overall): June 2007*

## Work Experience

- **Webyog Inc., on CloudMagic team** — Bengaluru, KA  
*Software Engineer: Aug, 2014–present*
  - Managing more than 250 Linux servers on the cloud (on AWS), using our own provisioning and monitoring technologies.
  - Automated the launch of a complete Cloudmagic test environment, reducing the effort and time spent otherwise.
  - Have worked on setting up common monitoring/logging softwares such as Graphite, Elasticsearch, etc.
  - Earlier integrated Twilio for call alerts, and now recently integrated Pagerduty for call alerts, which supports call rotation and other benefits.
  - Technologies - AWS SDK, Capistrano, Elasticsearch, Graphite, etc.
- **Xora, a ClickSoftware company** — Bengaluru, KA  
*Software Engineer: Sept, 2013–Aug, 2014*
  - Worked on Xora StreetSmart, on various mobile platforms, such as Android, Blackberry, MIDP and Brew.

- Bootstrapped automation testing framework (Calabash and Appium) with the Device QA team.
- Technologies - Android SDK, Blackberry SDK, Java ME, Brew SDK.
- **G.B. Pant Engineering College** — Pauri, UK  
*Final year project: 2013*
  - Designed a prototype for cluster computation, using the Master-Slave model.
  - Simulated parallel execution of algorithms such as – Prime Sieve Algorithm, Matrix Chain Multiplication Algorithm, Quick Sort Algorithm.
  - Developed programs based on famous LCG algorithm and Mersenne Twister algorithm to feed random numbers.
- **Repositories on github.com** — xitkov  
<https://github.com/user/xitkov>
  - Emacs.d: My Emacs init repository.
  - Projecteuler: Collection of programs to solve problems of Projecteuler.
  - Dotfiles: Collection dotfiles, e.g .zshrc, .Xresources, etc.
  - Latex: Collection of refcards, my resume and other documents written in  $\text{\LaTeX}$ .

## Skills

- **Programming Languages:**
  - Currently using : PHP, Lisp and Javascript.
  - Used in past : C and Java.
- **Software:**
  - Tools : Emacs, Graphite, Elasticsearch, Nagios, etc.
  - Others : AWS SDK, Laravel, Kohana, etc.
- **Operating Systems:** GNU/Linux, Mac OS X, Windows OS.

## Achievements and Activities

- Secured 95.05 percentile (overall) in pH test conducted by eLitmus (Aug 2013).
- Solved 44 problems on Projecteuler (<https://projecteuler.net/profile/xitkov.png>).
- Scored 80 out of 80 marks in exam of mathematics in Class X.
- Attended Amazon AWS re:invent 2015 conference at Las Vegas.
- Technical Event Coordinator in Spandan 2013 at college tech fest.

## Hobbies and Interests

- Programming and technology.
- Playing Dota 2.
- Listening to music and watching anime.