

RAJAT SHUKLA

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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 as a DevOps Engineer at Webyog Inc.
- 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 200 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.
 - Scaled the Graphite and Elasticsearch servers horizontally, such that now they perform better and are free of SPOF and availability issues.
 - 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, Grafana, 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.
- Wrote a framework to tail log files on production environment, and report new and never seen before exceptions to the team, it was useful with releases.
- 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 L^AT_EX.

Skills

- **Programming Languages:**
 - Currently using : PHP, Ruby, Python, Emacs Lisp and L^AT_EX.
 - Used in past : C, Java and Javascript.
- **Software:**
 - Tools : Emacs, Graphite, Elasticsearch, Nagios, etc.
 - Others : AWS SDK, Laravel, Kohana, Flask, etc.

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>).
- Attended Amazon AWS re:invent 2015 conference at Las Vegas.
- Scored 80 out of 80 marks in exam of mathematics in Class X.
- Technical Event Coordinator in Spandan 2013 at college tech fest.

Hobbies and Interests

- Programming and technology.
- E-sports, particularly Dota 2 and CS:GO.
- Listening to music, and watching anime.