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 full stack developer, currently working as a Software 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 horizontly, 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 rotatation 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.

- Bootstraped 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 C programs to solve problems on http://projecteuler.net
  - Xitkov.com: Source code of http://xitkov.com
  - Dotfiles: Collection dotfiles, e.g .zshrc, .Xresources, etc.
  - Latex: Collection of refcards, my resume and other documents written in LaTeX.

Skills

- **Computer Languages:**

  - Currently using : PHP, Ruby, Javascript, Emacs Lisp and LaTeX.
  - Used in past : C, Java, and Python

- **Tools and Software:**

  - Tools : Linux tools, AWS, Emacs, collectd, statsd, etc
  - Software : AWS SDK, Elasticsearch, Graphite, Nagios, etc.

Achievements and Activities

- Going to attend Amazon AWS re:invent at Las Vegas, on Oct 2015.
- Secured 95.05 percentile (overall) in pH test conducted by eLitmus (Aug 2013).
- Solved 42 problems on projecteuler.net.
- 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

- Good in programming and technology.
- Supports E-sports amd plays Dota 2 and CS GO.
- Loves movies, tv series and anime.