

# 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

- Looking for a career path change to dwell into backend development.
- Have worked with different engineering roles over the years.
- Excellent programming skills and problem solving skills.
- Knowledge of DevOps practices, as well as Backend development.

## 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*
  - Working in the core backend team since Feb 2016, working with IMAP, EWS and EAS protocols, writing wrapper APIs on top of them.
  - Earlier used to work as a DevOps engineer, 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.
  - Technologies - AWS PHP SDK, Python, Mysql, PHP, IMAP, 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.
- **Grofee, a hyperlocal e-store** — Freelance project  
*Nov, 2015–March, 2016*
  - Kind of a SaaS project to enable hyperlocal sellers sell product, I was a consultant to them.
  - It provides better filtering and better categorization of products compared to what BigBasket and others offer.
  - Technologies - Laravel, Mysql, Elasticsearch, Nginx, etc.
- **Xamii, an examination solution** — Side project  
*March, 2016–present*
  - A solo project by me, to facilitate online examinations, still under construction.
  - It will provide a complete solution to handle e-examinations.
  - Technologies - Python, Mysql, Nginx, etc.
- **Repositories on github.com** — xitkov  
<https://github.com/user/xitkov>
  - Emacs.d: My Emacs config repository.
  - Projecteuler: Collection of programs to solve problems of Projecteuler.
  - Dotfiles: Collection dotfiles, e.g .zshrc, .Xresources, etc.

## Skills

- **Programming Languages:**
  - Currently using : PHP and Python.
  - 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 98 out of 100 marks in exam of mathematics in Class X.
- Attended Amazon AWS re:invent 2015 conference at Las Vegas.

## Hobbies and Interests

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