

# GAGANDEEP SINGH

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## PROFESSIONAL SUMMARY

- Senior Software Developer with over 2 years of experience in backend development, design, estimation, cloud infrastructure management and optimization.
- Having experience in mentoring software developers and taking technical interviews.
- Automated generation of internal retrospective sheet and many other management tasks using ruby scripts.

## SKILLS

Programming languages	Ruby, Java, Javascript
Frameworks	Ruby on rails (Intermediate), BackboneJS and Angular2 (beginner)
Databases	MySQL, Redis
IDEs / tools	Rubymine, Eclipse, Android Studio, Sublime Text
Proxy server	NGINX
Operating System	Ubuntu
Cloud Platform Amazon	Amazon Web Services (expert), MS Azure Cloud (beginner)

## WORK HISTORY

OCTOBER 2016 – PRESENT (Project : Uptime Cloud Monitor)

*Senior Software Developer | JTG E-Business Software Pvt. Ltd. | Gurugram, Haryana, India*

- Added AWS lambda integrations (Node JS) to make AWS infrastructure more robust.
- Optimized existing infrastructure which led to **huge cost savings**.
- Worked on native android application of the product. Added new features and fixed bugs.
- Handled backlog cleanup, poker planning call, diving work among team members.
- Managing a team of 4 and supervising work of 2 team members.
- Currently working on integrating Microsoft Azure cloud monitoring with the product and moving infrastructure to VPC (setting up VPC and VPC peering).

JUNE 2015 – OCTOBER 2016 (Project : Uptime Cloud Monitor)

*Software Developer | JTG E-Business Software Pvt. Ltd. | Gurugram, Haryana, India*

- Worked primarily with Ruby on Rails and a good mix of other technologies as well.
- Improved product – fixed various complex bugs and refactored existing code.
- Documentated various crucial subsystems and did critical switchovers in production.
- Debugged server issues and derived useful stats from system / access logs.
- Protected redis from getting hacked on linode servers.
- Integrated new monitoring features within the existing application.
- Handled sprints, deployments, client communication and daily standups.

## EDUCATION

2015

B.Tech Computer Science Engineering

Guru Tegh Bahadur Institute of Technology, New Delhi, India

## ADDITIONAL INFORMATION

Made a website in ruby on rails to connect alumni from GTBIT and help students clear their queries. Implemented entire backend, did setup for production environment, static assets caching and mailing.

Project source : [www.github.com/gagan93jtg/gtbit\\_alumni](https://github.com/gagan93jtg/gtbit_alumni)

Tech stack : Rails 4.2, Ruby 2.3, JQuery, MySQL, Redis, Bootstrap