Aakash Gupta

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Academic Details

YEAR OF PASSING	QUALIFICATION	INSTITUTE	PERCENTAGE
2018	B.E in Computer Science	Netaji Subhas Institute of Technology, Delhi	**74.56 %**
2014	Class XII CBSE-AISSCE	Rajkiya Pratibha Vikas Vidyalaya, New Delhi	**94.8 %**
2012	Class X CBSE-AISSE	Rajkiya Pratibha Vikas Vidyalaya, New Delhi	**10 CGPA**

Technical Skills

- **Computer Science:** Programming Languages, Data Structures, Graph Algorithms, Object Oriented Programming, Analysis and Design of Algorithms, Database Management.
- **Languages:** C/C++ (Proficient, well-experienced), Ruby, Java, SQL.
- **Frameworks:** Rails (MVC framework), Active Admin (Administration Framework), Sinatra (Micro framework), TestNG (Testing framework).
- **Front-end Technologies:** HTML5/CSS, Java Script, Canvas, Kinetic JS, Material design.
- **IDEs used:** RubyMine, IntelliJ, CodeBlocks, Eclipse.
- **Operating Systems:** Windows, Linux (Ubuntu).

Projects/Experience

- **Internship at WALMART LABS:**   May, 2017 – July,2017
  o Developed a framework for automated integrational and functional testing for their latest product, **Optimizer 2.0** on TestNG framework using Maven framework for dependency injection.
  o Integrated a Jenkins test automation job with the product.
  o Developed a client to consume the API exposed by Optimizer 2.0 to automate testing.
- **Shuriken Live:** https://www.shurikenlive.com   Dec, 2016 – Present
  o **Full Stack Development** of a responsive web-app for posting and streaming live videos to social networking sites like Facebook, YouTube, Periscope etc.
  o **Front-End Technologies Used:** HTML/CSS, Java Script, KineticJS/Canvas, Material design.
  o **Back-End Technologies Used:** Ruby on Rails, FFMpeg for video streaming, Background job-processing using Resque and Redis server, Selenium with Chrome Web Driver, Xvfb for screen capture and ALSA/PulseAudio drivers for audio capture from server, Facebook Graph and Live API, PostgreSQL, Git, Active Admin for website administration, YouTube-DL, Integrated payment with PayPal and Instamojo.
  o **Deployed On:** AWS (Application and DB servers) using Nginx and Unicorn web servers with SSL certificate, Digital Ocean (Video Streaming servers), Integrated Sentry for error detection and New Relic for system monitoring.
  o It is **being used GLOBALLY** by more than **5800+ USERS**.
- **Image Editor Tool:**   January, 2017
  o Made a front-end tool that includes features like combining/overlaying images, resizing and drag/drop of images. Used this tool in Shuriken Live project to allow users to design frame for live polling videos.
  o **Technologies used:** HTML Canvas, Java-Script, KineticJS.
- **Teaching Assistant** at Coding Ninjas in web development batch: January, 2017 - April, 2017
  o Mentored students on developing web-application for E-Commerce platform as their project on Rails Framework.

Scholastic Achievements

- Among the **final 15** teams in **Spark 2 - ShopClues Hackathon 2017.**
- Solved more than 200 problems on **Codechef and Spoj** with **2185 rating (Yellow Coder)** on Codechef.
- **Global rank 63** in October and **121** in July Long Challenges (2016) on **Codechef**.
  o **Profile Link:** https://www.codechef.com/users/aakashgupta_96
- **FFE Scholar**: Receiving scholarship for Higher Studies from a publicly supported charitable organization (**Foundation for Excellence).**