Arpan Pal

 (Omitted
because this is
 the Internet)
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Objective

Seeking an opportunity to utilize my skills, and abilities in the industry within a competitive environment along with true professionals, to put in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

Skills

Languages	Python, Java, Shellscript, HTML∼CSS∼Javascript
Technologies	Django, SQLite, MySQL, Nginx, Uwsgi, Boto, Foundation, Bootstrap, Git
Familiar with	OOP, MVC, {I · P · S}aaS, Virtualization, REST, Responsive Design, Amazon EC2 / EMR / S3, OpenVPN, Mercurial, Heroku, $\LaTeX\,2_\varepsilon$
Environment / IDE	Vim, Eclipse, NetBeans, Sublime Text 2
OS	Several GNU/Linux server and desktop distros / Windows XP∼7∼8.1 / OSX / FreeBSD

Ability to develop and deploy scalable apps in cloud.

Ability to administrate, manage and support server-side technologies.

Proficient in Office Suites, and Adobe Photoshop.

Excellent attention to organization and detail as well as time management.

Strong technical, analytical and decision making skills for problem identification and resolution.

Adept at multi-tasking and learning new languages and/or procedures quickly.

Can be a team player as well as work independently/remotely.

Can solve a Rubik's Cube under 01:30 minutes.

Can play the Bass and Acoustic guitar.

Personal

Interests	Cloud computing, Operating system architectures, Task and transaction automation, Machine learning, Deep learning, Data Mining
Communication	English, Bengali, Hindi

Projects

+ ArchInst - Command-line installer (Shellscript) for Arch Linux that bootstraps, installs and configures a usable system from scratch with minimum hassle.

+ Multi-boot USB - Booting multiple (14 as of October 24, 2014) Linux based OS(s) from a single usb key.

+ Set-based Similarity Measurement and Ranking Model to Identify Cases of Journalistic Text Reuse (MSc. Dissertation) secured *3rd place* by organization in Cross-Language Indian News Story Search@FIRE'13 task.

- Scalable Non-Obfuscated Plagiarism (Textual) Detection App combining technologies of AmazonEC2, Openstack, and Google App Engine.
- Knowledge based movie ranking engine using Neural Network(Numpy) written in Python2
- Web Based Student Information Management Interface in Deluge script using Zoho Cloud Creator.
- Web SMS Gateway using WAMP Server and WayToSMS backend.
- Prototype of an online banking/accounts management software in JDK6.

Education

2012—13   **MSc. Internet Computing**, *University of Surrey*, Guildford, UK, *64.6%*.
Courseworks included »

Cloud Computing (70%)	Database and Knowledge Discovery (71%)
Computing Ethics (64%)	Web Hacking and Countermeasures (62%)
Collective Intelligence (76%)	Network Technologies and Security (61%)
Enterprise Systems Development	Information Security Management

2008—11   **Bachelor in Computer Application**, *The Heritage Academy*, Kolkata, *8.09 (CGPA)*.
Courseworks included »

Computer Architecture	Data structure and OOP(Java)
Digital Electronics	Information System Analysis and Design
Unix Shellscripting	Data Communication and Computer Networks
Database Management	Programming Mathematics and Numerical Algorithms

2006—08   **Higher Secondary Examinations (A-Levels Eqv.)**, *Krishnapur Adarsha Vidyamandir*, *68.4%*.

Stream: Science

1996—06   **Secondary Examinations (GCSE Eqv.)**, *Krishnapur Adarsha Vidyamandir*, Kolkata, *79.25%*.

References available on request.