

EMPLOYMENT

Software Engineer, Intern	Xebia IT Architects(Gurgaon)	Summer 2016
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Spice jet Website Redesign

- Improving the UI/UX of the current website using agile model.
- Worked on the booking workflow for the website and modified certain pages using CSS, JavaScript, jQuery and XSLT using git as version control system.
- Daily standups, Unit Testing, Weekly demos, Updating sprint plan and pair programming kept me busy.

EDUCATION

Dehradun, India	University of Petroleum and Energy Studies	2013 – 2017(expected)
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- B. Tech in Computer Science Engineering with specialization in Cloud Computing and Virtualization Technology. **GPA: 3.42/4** (Till VII Semester).
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Computer Architecture; Engineering Mathematics; Cloud and Virtualization Technology; Software Engineering;

Dehradun, India	Hilton's School	1999 – 2013
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- SSE with ISC Board with major in Science, **Percentage: 90.60%**
- HSE with ISC Board with major in Science, **Percentage: 89.80%**

TECHNICAL EXPERIENCE

Projects

- **Smart Home Automation (ongoing):** Developing an app to control electrical appliances using Raspberry Pi. App allows a user to create a virtual home with appliances that can be turned on and off remotely and a report can be generated of electricity usage. **python; pi3; java; android;**
- **Analysis of Live Twitter Streams (2016):** Twitter data was distributed based on geolocations and data was represented as a heat map. **Node JS; Twitter and google map API;**
- **Malware Analysis Tools (2016):** A malware analyzer was designed for windows which detects only files which have been affected by malware. We used max++ malware and reverse engineered its effects to make a process to detect malicious files. **C++;Visual Studio;**

Trainings

- Developer for Apache Hadoop by Mr. Bhavuk Chawla(Cloudera Instructor)
- Linux Administration by RCPL India

ADDITIONAL EXPERIENCE AND AWARDS

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- **Event Organizer (2014-2017):** Organized various coding and gaming events in college fests and events
 - **Student volunteer (2015):** Managed sessions on Communication Networks as Technical Volunteer in International Conference on Next Generation Computing Technologies
 - **Founding Member(2015):** IEEE Computer Society
 - **Class Representative (2013-2016)**
 - **School Topper(2013)**

Languages and Technologies

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- **Languages:** C++; Java; Python; SQL; JavaScript; XSLT; PHP; CSS; XML
 - **Software(IDE):** Microsoft Visual Studio; Eclipse; Sublime Text; Git; IntelliJ Idea; VMware Workstation
 - **Web Frameworks:** Node JS; jQuery; Jasmine