

## EMPLOYMENT

**Software Engineer** **Freo Labs Pte Ltd, Bangalore, IN** **Dec 2016 - Present**

- Building web and mobile based web applications.
- Developing and testing re-usable code using available frameworks and libraries.
- Document and diagram complex web applications. Design development workflow using source control.
- Integrating code with other technologies such as REST Web Services, CMS / Commerce systems, 3rd party APIs etc.

**Software Engineer, Internship** **Freo Labs Pte Ltd, Bangalore, IN** **Feb 2016 - Apr 2016**

- Data Analysis, Visualization and Video Processing in Python.
- Increased efficiency to process and render the video by 75% by implementing an efficient data analysis algorithm.
- Worked on data analysis and video processing in python, designed an algorithm for data analysis for analyzing and visualizing geojson data from supercars.

**Regional Lead** **Google Developers Group, Kashmir** **Oct 2011 – Present**

- Nurtured a developer community from scratch. (<http://www.gdgkashmir.com>).
- Planned & executed projects on behalf of Google by building comprehensive work plans & project schedules, managing budgets for larger events like GDG Devfests and Women Techmakers.
- Executed beta and pilot programs in collaboration with various Google offices.
- Was invited and sponsored by Google to attend Google I/O 2014 at San Francisco, USA

**Internship** **iKraft Software, Kashmir** **Jan 2015 – Mar 2015**

- Worked on Python, Web and Data Analysis.
- Analysed and visualized San Francisco City crime data using Python, Numpy and Matplotlib.

**Freelance** **WebWeave, Kashmir** **Jan 2008 – 2014**

- Freelance Web Development.
- Developed Kashmir's first online classifieds website. (<http://www.kashmirilife.net/virtual-success-1991/>)
- Started "KashTech", a tech news blog to bridge the digital divide in the region in 2008.

**Internship** **Mercy Corps, Kashmir** **Oct 2011 – Nov 2011**

- Handled web and graphic design for the G-Kashmir event by Google in 2011.
- Managed the event as a co-organizer which led to direct interaction with the google team.
- Collaborated with Google to lay the foundation of GDG Kashmir.

## EDUCATION

**IUST, Kashmir** **Aug 2012 – Aug 2016**

- BS - Computer Science and Engineering.
- Undergraduate Coursework: Programming Languages, Networks, Databases, Operating Systems; Algorithms, Computer Architecture, Software Engineering.

**Tyndale Biscoe School** **Nov 97 – Oct 2011**

- High School -- K-12. Science , Math , Information Technology.

## ADDITIONAL EXPERIENCE AND AWARDS

- **(2014):** Was invited and sponsored by Google to attend Google I/O 2014 at San Francisco, USA
- **(2014):** Attended GDG India Community Summit in Hyderabad, India
- **(2016):** Attended GDG India Leads Summit 2016, Goa India.
- **Authored Paper: ICT, Women & Sustainable Development:** Awarded for and Published by NIT Srinagar.

## Languages and Technologies

- Python, Django, SQL, JavaScript ,C, GIT, AWS, OpenVPN, HTML/CSS, Linux , Networking, System Administration.