

Experience:

Software Engineer, PayPal, Bangalore. June 2013 – Feb 2015.

Retail Labs is a startup within PayPal. We apply Data Sciences, Behavioural Sciences, Art & Technology to design and deliver the future of Payments & Commerce. Few things that I worked on:

- B2C Mobile App Development leveraging technologies like NFC, HCE, Tokenization to deliver next gen payment experiences.
- Developed iOS Application with Social and Gift Cards integration that leveraged technologies like RestKit, CoreData, Core Animation, Image Caching and more.
- Built iOS 8 App extension that reduced PayPal Merchant integration time for iOS apps by **85%** and fully utilized tokenization.
- Won **People's Choice Award** in **PayPal CIO Global Hackathon 2014** for the idea of adding SplitPay feature in existing PayPal Consumer Application.

Previously was part of merchant on-boarding team. With PayPal retiring its old technical debt, my role was a full stack engineer. Few things that I worked on:

- PayPal resolution center full-stack node web application to address the buyer and seller issues. Currently **in live ramped up to 40 million users**.
- Merchant Data Collector node web app developed in KrakenJs – open sourced by PayPal. **First node web app to go live** from Bangalore Development Center.

Intern, Centre for Artificial Intelligence & Robotics, Bangalore. May – July 2012

- Worked on development of application for Modern Warfare Soldier Hand Device on Android Platform that provides relative position of a soldier with respect to other troop members and provide alert to soldier moving out of the limitation of the group.

Intern, Samsung India Software Centre, Noida. May – July 2011

- Developed JavaScript based Game Application's for SAMSUNG SMART-TV.
- **Awarded bonus** over stipend for my work.

Education:

Indian Institute of Technology Ropar, Punjab. June 2009 – May 2013

Bachelor of Technology in Computer Science & Engineering with a CGPA of 7.67/10.

D.A.V. Public School, Jaipur.

Intermediate/+2 (12th Standard) : 84.2%

Matriculation (10th Standard): 87.8%

Academic Projects:

Secure Data Collection in WSN Network.

Secure Data Collection in Wireless Sensor Network using Randomised Routes to avoid adversary attack on a particular network node.

- Language & Tools: C, Network Simulator 2

Skull Stripping of MRI Brain Images.

Skull Stripping of MRI Brain images to extract the brain part for further study.

- Language & Tools: Python

Data Cache Simulator.

Implement Data Cache Simulator and to incorporate it to simplescalar processor simulator and study the behaviour.

- Language & Tools: C, Simplescalar

Spam filter based on Bayesian Technique.

Implement statistical technique of e-mail filtering.

- Language & Tools: Using hash tables and tree in Java

Technical Skills:

- Java, C, Javascript.
- Web Development: nodejs, dustjs, HTML, CSS.
- Mobile – Android, iOS Development
- Other: Linux, Windows, git.

Achievements:

- Won **Trip to JAPAN** in "**Show your IT talent 2012**" competition organised by Works Application's Japan among students of the Top institutes of India.
- **Finalist** in Infosys Hashers 2012 coding competition organised by Infosys among different IITs and IIITs.
- Got **5th** rank in SLEEE (RPET) with **1st** rank in district.