

# CHINMOY JYOTI BARUAH

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## EDUCATION

**Master of Science – Computer Science** **2016 to 2018**  
North Carolina State University – Raleigh, NC CGPA – 3.5/4.0

**Bachelor of Technology – Computer Science** **2010 to 2014**  
Kalinga Institute of Industrial Technology – Bhubaneswar, INDIA CGPA – 7.25/10.0

## EXPERIENCE

**Software Engineer – Full Stack Developer Intern** **Jun 2017 to Aug 2017**  
**VF Corporation** – Greensboro, NC

- Created two microservices, one to generate SNMP traps and one for the front end in two different Docker containers. (Spring Boot, Docker, JAX-RS)
- Integrated the Apple Pay functionality in the North Face website. (Full stack)
- Worked with the Timberland Europe team to fix multiple UI and design related bugs in the Timberland EU website. (HTML, CSS, JavaScript)

**Software Engineer** **Sept 2014 to July 2016**

**TATA CONSULTANCY SERVICES (TCS)** – Bangalore, INDIA

- Develop and maintain Web and Desktop applications in **Java, J2EE**
- Designed, built and integrated the **Web Services** for the communication hub (External interface which provides capabilities like sending Emails with and without attachments, Dynamic PDF generation) in the HDFC Life web portal (**Java**)

## SKILLS

<u>Languages</u>		<u>Frameworks</u>		<u>Databases</u>	<u>OS</u>	<u>Other</u>	
Java, J2EE	Python,	Rails	jQuery	MySQL	Linux, Unix	Android	Git
C++, C	Javascript	AngularJS	ReactJS	Oracle10g	Windows	Docker	Hadoop
HTML	Ruby, PHP	Struts, Spring	Hibernate	PostgreSQL	OSX	Amazon Web Services,	Jenkins

## ACADEMIC AND PERSONAL PROJECTS

**Cloud Conversation (Java, MySQL)** **Mar 2017 to Present**

- Developing an **Android** application which summarizes a conversation and stores the data in a pictorial description.
- Made use of the Google Voice API for speech recognition and conversion and implementing it to our **Java** code.

**Group Formation and Mailer Functionalities in Expertiza (Ruby on Rails, PostgreSQL)** **Aug 2016 to Dec 2016**

- Designed and implemented a module on **Ruby on Rails** framework for new Group Creation with functionalities to review group members with different rubrics available in Expertiza.
- Implemented additional mailer functionalities to receive and send emails on different actions that are being performed.

**Personal Health Management System (Java, Oracle10g)** **Aug 2016 to Dec 2016**

- Designed and built a Personal health management Database Application in **Java** and **Oracle10g** to assist people to manage and track health status information.

**Peer-to-Peer with Centralized Index for downloading RFCs (Python)** **Feb 2017 to April 2017**

- Developed a peer-to-peer file transfer system in **Python** which enabled peers to download RFCs from IETF website and share the same with peers over TCP. A centralized index of peers and servers is maintained by server.

**Selective FTP using Go-back-N ARQ (Python)** **Feb 2017 to April 2017**

- Implemented simple FTP using UDP for sending data packets from one host to another using **Python**.
- Analyzed performance of reliable data transfer service using Go-Back-N Automatic Repeat Request (ARQ).

**Library Room Booking Application (Ruby on Rails, PostgreSQL)** **Aug 2016 to Dec 2016**

- Built and MVC **Ruby on Rails** application which allowed users to reserve a room based on various filters and admin to manage it.

**E-Store (Struts, Hibernate, MySQL, MEAN)** **Jan 2014 to May 2014**

- Developed a simple E-Commerce website using the **Struts** and **Hibernate** framework.
- Implemented **MEAN** stack which used various APIs like **RESTful** API for Facebook login and **Stripe** for credit card payment.

**Automation Script (Python)** **Mar 2017 to Mar 2017**

- Wrote a **Python** script which reads details from an excel file and send emails to the listed people along with attachments.

## ADDITIONAL EXPERIENCE AND AWARDS

x **Oracle Certified Java Programmer(OCJP) – 2013**

x Worked as a **Programming Lab Assistant** at **KIIT**, Bhubaneswar– **Aug 2013 – May 2014**