

CHINMOY JYOTI BARUAH

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EDUCATION

North Carolina State University, Raleigh, NC
Master of Science in Computer Science

Expected **May 2018**
CGPA 3.56/4

Kalinga Institute of Industrial Technology, Bhubaneswar, India
Bachelor of Technology in Computer Science and Engineering

May 2014
CGPA 7.25/10

PROFESSIONAL EXPERIENCE

Tata Consultancy Services

Assistant System Engineer

Sept 2014 - July 2016

- Took the ownership of understanding, developing and integrating the Communication Hub(External interface which provides capabilities like sending Emails with and without attachments, Dynamic PDF generation) web services. This development and integration had been done in the HDFC life environment for the first time.
- Also was one of the main developers who had the responsibility to design and develop the HDFC Life portal.

TECHNICAL SKILLS

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|--------------------------------|--|
| Languages and Databases | Java, C, Ruby, C++, HTML, CSS, JavaScript, MySQL, Oracle DB, PHP |
| Tools and Frameworks | Ruby on Rails, jQuery, Eclipse, NetBeans, Bootstrap, Git |

ADDITIONAL EXPERIENCE AND CERTIFICATIONS

- **Oracle Certified Java Programmer(OCJP)** Certification

RELEVANT COURSEWORK

Graduate:

Design and Analysis of Algorithms, Object-Oriented Design and Development, Database Management Concepts and Systems, Operating Systems, Internet Protocols, User Experience, Network Security

Undergraduate:

Design and Analysis of Algorithms, Operating Systems, Object-Oriented Programming, Database Management Systems, Software Engineering, Computer Network, Discrete Mathematics, Data Structures.

PROJECTS

GROUP FORMATION AND MAILER FUNCTIONALITIES FOR EXPERTIZA - Designed and implemented a module for new group creation with functionalities to review group members using different rubrics available in Expertiza – an open source peer-review web application built with the Ruby on Rails framework. Also, implemented some additional mailer functionalities to receive and send e-mails on different actions that are being performed in Expertiza.

PERSONAL HEALTH MANAGEMENT SYSTEM - Designed and implemented a Personal Health Management Database Application in Java and Oracle DB to assist people to track and manage health status information.

LIBRARY ROOM BOOKING APP - Built an MVC Ruby on Rails application which allows user to book rooms in the library and has admins to manage it.

PURCHASE ORDER MANAGEMENT SYSTEM (E-COMMERCE SITE) - Web Portal created with help of Struts, Hibernate and for database connectivity, oracle db. Also, implemented the use of MEAN stack which utilized various RESTful APIs like Facebook for login and Stripe for credit card payments. The portal could be used for order placement, processing the order, bill generation and recording the details of final delivery. Demonstrated the understanding of full SDLC and presentation skills.

LIBRARY MANAGEMENT SYSTEM - Created a java application to be used in Libraries for proper management of books. Gave it to the town Library for management of the Library