

## Rajarshi Chattopadhyay

Email: [likarajo@gmail.com](mailto:likarajo@gmail.com) • Phone: +91 943 371 1109

Address: F-13, Cluster-14, Purbachal, Sector III, Saltlake, Kolkata, West Bengal, India 700097

Website: <https://likarajo.github.io>

Badges: <https://www.youracclaim.com/user/likarajo>

<b>CURRENT POSITION</b>	<b>System Engineer, IBM - Client Innovation Center, Kolkata, India</b> <i>Data Analysis, Application Development and Maintenance, Automation</i>	Dec 2014 to Present
<b>EDUCATION</b>	<b>Bachelor of Technology in Electronics and Communication Engineering, West Bengal University of Technology, Kolkata, India</b> Incl. Course: Electrical Engineering, Computer Science, Mathematics, Physics Thesis: RISC processor based on Harvard Architecture	Jun 2014
<b>WORK EXPERIENCE</b>	<b>Programmer, Hi-Q Solutions, Kolkata, India</b> Part-time <i>System Programming and Designing</i>	Aug 2012 to Dec 2013
	<b>Associate Engineer, Bharat Sanchar Nigam Ltd, Kolkata, India</b> Intern <i>Network Designing</i>	Mar 2013 to May 2013
	<b>Associate Engineer, Siemens – Metal technologies, Kolkata, India</b> Intern <i>Automation</i>	Dec 2012 to Feb 2013
<b>RELEVANT SKILLS</b>	<i>Database:</i> RDBMS, HDFS <i>Programming:</i> SQL, OOP, Java, Python, UNIX Shell Scripting <i>Frameworks:</i> Spring, MVC, Hadoop <i>Operating Systems:</i> Windows, Linux All MS Office programs	
<b>RELEVANT CERTIFICATIONS</b>	<b>Oracle Certified Associate – Java SE 8 Programmer, Oracle</b>	Jun 2017
	<b>Hadoop Programming, IBM</b>	Mar 2017
	<b>Hadoop Foundations, IBM</b>	Mar 2017
	<b>Big Data Foundations, IBM</b>	Feb 2017
	<b>Design Thinking, IBM</b>	Nov 2016
	<b>Oracle Database 11g SQL Fundamentals, Oracle</b>	Sep 2016
<b>TALKS</b>	<b>Speaker</b> , presentation on <b>RISC Processors and Harvard Architecture</b> in National Seminar on ‘Advanced Microprocessor and VLSI Devices’ organized at college.	Apr 2014
	<b>Speaker</b> , presentation on <b>Wireless and Cellular Communications</b> in Industry based Educational Program organized at college.	Jul 2012

<b>RESEARCH AND PROJECTS</b>	<b>Kin'ship Tool</b> Desc: Used Twitter data mining and developed algorithm to find out the most related words (kin) to a particular word as used in tweets.	Jul 2017
	<b>Automation of Routine Application Monitoring and Maintenance</b> IBM, Kolkata, India Desc: Developed routine application monitoring and maintenance jobs and set up the same in Cron to automate running and reporting.	2016
	<b>Application-Interface Message Statistics Tool</b> IBM, Kolkata, India Desc: Developed Bash shell Script, Windows GUI, and Web Application to mine application logs and extract data to calculate statistics of application – interface message exchange.	Nov 2015
	<b>RISC Processor based on Harvard Architecture</b> Senior Thesis Desc: Designed, developed and implemented a 16-bit customized Reduced Instruction Set Processor based on Harvard Architecture	Apr 2014
	<b>Bootable Microcontroller (8051) panel with optional ROM</b> Hi-Q Solutions, Kolkata, India Desc: Designed and developed a microcontroller panel which can be used to directly program a microcontroller, without the need to write and burn the monitor program on a ROM *Owner of the intellectual property of the prototype.	Jul 2013
	<b>College Network</b> Bharat Sanchar Nigam Ltd, Kolkata, India Designed college network using a pre-defined pool of IP address and implemented using NetSim (Network Simulator)	May 2013
<b>RELEVANT HONORS</b>	<b>Automatic Motor Controller</b> Hi-Q Solutions, Kolkata, India Used Assembly language programming and digital designing to develop a controller attached to sensors to detect fluid level and accordingly switch	Sep 2012
	<b>Emerging Techie Award, A.P. Moller Maersk Diamond Awards, IBM</b>	2016
	<b>12th out of 140</b> students in the ECE department (in Bachelor's) <b>8 semesters: 86.6%</b>	Jun 2014
	<b>2nd in Technical Paper Contest</b> organized by the <b>Institution of Electronics and Telecommunication Engineers (IETE) India</b> for thesis.	Apr 2013
	<b>1<sup>st</sup> in assessment examination of Vocational Training on Communication System software</b> , conducted by <b>Bharat Sanchar Nigam Limited</b> , Kolkata, India	Jul 2012