

# Subhadip Ghosh

R&D Engineer Software 3 @ Broadcom (Hyderabad)

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## Professional Summary

Experienced Software Programmer with 8 years experience in developing robust code for market-leading products. Taken initiatives to automate mundane daily tasks, established strong development practices for reliable and quality code.

Honest team player, adept in working in an Agile scrum environment, ensuring participation of all team members. Like to spend time participating in hackathons, listening to tech podcasts, writing tech articles on my blog and dabbling with open-source contributions.

## Key Skills

Programming Skills	Programming Practices and Design Patterns	Other Skills
<ul style="list-style-type: none"><li>• Core Java</li><li>• Java Framework (Spring Boot)</li><li>• RESTful Webservices (Spring MVC)</li><li>• ORM Framework (Hibernate/JPA)</li><li>• Unit testing (JUnit/Mockito)</li><li>• Application server (Wildfly)</li><li>• Build tools (Maven/Jenkins)</li><li>• Linux (Debian/Ubuntu/RHEL)</li><li>• Scripting (Python 3/Groovy/Bash)</li><li>• SQL (Mysql)</li><li>• Containers (Docker/LXC/LXD)</li><li>• Cloud (AWS/OpenStack)</li></ul>	<ul style="list-style-type: none"><li>• Functional programming</li><li>• Concurrency and multi-threading</li><li>• Microservices</li><li>• Code to interface</li><li>• Separation of concerns</li><li>• Singleton</li><li>• Factory</li><li>• Template</li><li>• Strategy</li><li>• Builder</li><li>• Facade</li></ul>	<ul style="list-style-type: none"><li>• SDN</li><li>• SD-WAN (Viptela/ Versa)</li><li>• Wireless Networking</li><li>• Cisco Meraki</li></ul>

# Experience

## Broadcom/ CA Technologies (2016 – Present)

### R&D Engineer Software 3 / Senior Software Engineer (2016/09 – Present)

- Developed generic framework for Alarm and Event processing from different SDN and SDWAN sources for CA Virtual Network Assurance (VNA) using EJB 3.1, Hibernate, JPA, Concurrency.
- Developed network monitoring support for Cisco Meraki MR Access Points and MX Security and SD-WAN Appliances in CA VNA and CA NetOps using Apache Camel, Java, Groovy. Helped in adoption of VNA by customer AIG.
- Developed support for streaming event collection over syslog protocol in CA VNA using Java, syslog4j, multi-threading. This solution is used for Cisco Meraki ranges of devices.
- Developed and maintained internal lab for Versa SD-WAN using VMWare. Added support for monitoring Versa SDWAN network in CA VNA using the Versa Director and Analytics REST APIs. This helped with multiple MSP customers adopting CA VNA and CA NetOps.
- Designed automation testing framework for CA Mediation Manager using TestNG which helped in increasing automation test coverage percentage for CAMM to over 80%.
- Developed data collection support for Verizon PE routers in CA Mediation Manager via non-SNMP sources using Groovy, file handling, helped bringing in multimillion dollars deal with Verizon.

## Tata Consultancy Services (2011 – 2016)

### IT Analyst (2015 – 2016/09)

- Developed report generation module of CitiRisk Commercial 2.0 application for Citi Bank client using Java, Google Guice, Hibernate.
- Developed different document management capabilities of CitiRisk Commercial 2.0 application for Citi Bank using Java, MongoDB, SQL.

### Systems Engineer (2013 – 2015)

- Developed HTML and rich text support in report for CitiRisk Commercial 1.0 application for Citi Bank using Spring framework, Java, Adobe Livecycle, Apache

Velocity templating engine.

### **Assistant Systems Engineer (2011 – 2013)**

- Developed automated testing tool for testing end-to-end flow of a Credit Approval Request in CitiRisk Commercial application using Java

## **Education**

<b>Degree/ Certification</b>	<b>University/ Board</b>	<b>Grade Percentage</b>	<b>Year</b>
B. Tech on Electronics and Communication Engineering	West Bengal University of Technology	81.5%	2011
Higher Secondary	West Bengal Council of Higher Secondary Education	78.85%	2007
Secondary	West Bengal Board of Secondary Education	80.4%	2005

## **Certifications**

- Oracle Certified Java Professional 6
- Wireless Networking Basics
- Microservices with Spring Boot and Spring Cloud

## **Areas of Interest**

- Writing on my personal blog – <https://subhadipsblog.wordpress.com>
- Involving in various Linux and open source communities.

## **Achievements**

- Above and Beyond awards (2017, 2018)
- ILP Kudos (2012)