Manas Kumar Mukherjee

Intuit • **Goldman Sachs** •**B.Tech** in *Computer Science &Engineering* •RCCIIT, **India**(Kolkata), •Contact No: **+1 6692258975** (M) • E-mail: mmanas19@yahoo.co.in, mmanas19@gmail.com

📋 SUMMARY

- 8+ years of experience in designing, developing and leading software development projects
- Experienced working on projects involving domains like banking, regulatory reporting, accounting application and analytics.
- Strong skills on platforms, developer-ecosystem, SaaS and Developer Evangelism.

💼 EMPLOYMENT HISTORY:

Company	Designation	From	To	Duration(Yrs)
Intuit	Staff Software Engineer	Feb 2016	Till Date	
Intuit	Sr. SW Eng. (DEV_REL)	Feb 2014	Jan 2016	1
Intuit	SW Eng. 2(DEV_REL)	Mar 2013	Jan 2014	0.9
Goldman Sachs	Analyst Developer	June 2011	Feb 2013	1.8
Infosys	Software Engineer	Nov 2008	May 2011	2.4

📈 SKILLS

Programming Languages	Java(Core Java, JSP, Servlet,JMS, Java Networking , JDBC),JavaScript, Python
Databases & Tools	Sybase, MySql, Oracle, Hadoop
Application Skills	Java/Node backend systems, Swing based client server application, AWS
Others	Spring MVC, Swing, Java Web Start, REST based app, AWS, Hibernate, Node.js ,Angular.js, Basic – ReactJs, Relay and GraphQL

📖 EDUCATION

Degree/Qualification	Board	Year	Percentage
Secondary (10 Standard)	West Bengal Board of secondary education	2002	**80.5**%
Higher-Secondary	West Bengal Council of Higher secondary Education	2004	**81.9**%
B. Tech(CS)	West Bengal University of Technology	2008	**8.16**(CGPA)

AWARDS :

Awards	Awarded By	On	Accomplishment
CTOF US	Intuit US	2015	productivity tool dev
Star Awards	Intuit US	2015	Performance in projects
CTOF India: New thought Idea	Intuit India	2013	MyBus
BCM Eureka – Tech Idea	Infosys	2011	Ideal on cloud adaption
Spot Award	Infosys	2010	2 productivity toolsdev
National Scholarship (India)	India Govt.	2004	10+2 exam 80% +

WORK EXPERIENCE:

Project 5

Duration	Feb16- Till Date	Company	Intuit
Role	Staff Software engineer		
Roles performed	✓ Represented Intuit Developer Group in multiple internal and external forums like Developer Week(NYC and SFO), HackArizona etc) ✓ Driving muiltiple initiativesrelated to identifying current API shortcomings w.r.t similar partner's API, major system/platform issues and working with muitliple stakeholders to address these gaps. ✓ Work with 3rd party and internal developers and help them build SaaS application using Intuit QBO and FinancialData APIs. ✓ Driving and architecting developer profile analysis and build recommendation platforms(ongoing).		
Technology and Domain	Operating System		NA
	Code base & Tech		Core Java, Node, JavaScript, SaaS, Splunk, Tableau, Hadoop/HIVE, Machine Learning
	Domain		Accounting apps
Team Size	15(in US)		

Project 4

Duration	Mar13- Jan16	Company	Intuit
Role	Sr. Software engineer (Developer Relation Engineer)		
Roles performed	✓ Sample SaaS(using QBO API) App development ✓ POC creation (Web/Android) ✓ DEVKIT and Developer Tools creation and maintenance ✓ Working as a POC between multiple project stakeholders ✓ Helping external developers to build SaaS app on IPP http://stackoverflow.com/users/2140489/manas-mukherjee		
Technology and Domain	Operating System		Windows 7
	Code base& Tech		Core JAVA, Spring MVC, REST, Android
	Domain		NA
Team Size	7 (2 India + 5 US)		

Project 3

Duration	June11- Feb'13	Company	Goldman Sachs
Role	Analyst Developer		
Roles performed	✓ Development onin-housereporting (FED) software. ✓ Production Support(1 week per 2months) ✓ Unit(JUnit, Mokito) and Integration Testing(Fitness) ✓ Interaction with finance users(controllers technology) to understand business requirements		
Technology and Domain	Operating System		Windows 7, Unix
	Code base & Tech		Core Java, JAVA Web Start, ORM framework, JUnit, Fitnesse
	Domain		Banking& Finance
Team Size	10		

Project 2

Duration	Aug-10 – Apr11	Company	Infosys
Role	System Engineer	Client	Zurich Cantonal Bank
Roles performed	✓ Developing banking modules ✓ Design analysis ✓ Interacting with onsite team ✓ Developing codes for interacting with IBM MQ ✓ Tools development		
Technology and Domain	Operating System		Windows 7, Linux
	Code base & Tech		Java, Socket Programming, SSL, Apache and IBM MQ
	Domain		Banking
Team Size	8 (6 offshore members + 2 onsite coordinators)[Sub team]		
Description	In the first part of this project, my team were reengineering some of the existing modules which were developed using (C, C ++) to Java. In some new modules (new development) It was required to implement security (SSL) in the network (intra module) communication layer. I have developed some new modules which interact with IBM MQ. The entire project is based on secure Client Server (multi-threaded) architecture.		

Project 1

Duration	July-09 – July 10	Company	Infosys
Role	Software Developer	Client	BBVA,Spain
Task performed	✓ Coding ✓ Design analysis ✓ Onsite communication (Issue resolving) ✓ Taking training sessions for new team members.		
Technology and Domain	Operating System		Windows XP, 3270 MF terminal
	Code base		Java, Mainframe
	Domain		Banking
Team Size	42 (35 in offshore + 7 onsite coordinators)		
Description	In this project, we were developing some banking modules (mainly batch jobs which are called from java front end).		

PERSONAL PROJECTS :

➢ **Tectra - IPP developer's playground** (type - Intuit UT project)
This is an integrated platform in IPP's world to generate client side code using language specific SDK to consume Quickbook REST API service and integrate the same with world class SaaS template.
Ref - http://tectraisp.intuitlabs.com/ctof/tectra.html

➢ **QuickBill - Bill entry made easy in Quickbook Desktop** (type - Intuit UT project)
Create bill/receipts through mobile and persist the data in QB in seconds. It uses(partially) OCR technology to extract data from mobile snap, parses and characterizes that data to create an actual bill record in QB accounting software.

➢ **QUANT – QuickBooks Analytics** (type - Intuit UT project)
It creates a model using accounting data from QB Online and other open source public reference data (like market size w.r.t your business, competitors data from wiki, yellow pages, census , D&B database), builds a google map visualization of the business locations/trade area(using customer and competitor data) to help SMBs findopportunity area /grow their businesses.

➢ **Mobile controlled, cloud connected ground robot** (Timeframe – 2011, type - personal)
I had created this simple 4 wheeled robot with an Arduino microcontroller. This can be controlled using any android mobile device (using Bluetooth) or it can be controlled remotely (using any mobile/computer) through a cloud backend service (google app engine).

➢ **Onkur** (Timeframe – 2005/06, type - collage project, Present status - closed)
It is a social networking site like Orkut. I had created this to enhance my programming skill and database understanding and also to challenge myself to see if I can implement new features which were getting released in Orkut.

➢ **B. Tech Final Year Project** (Timeframe -2008, Java networking and cryptography)
It was a client server based software using which a client can send encrypted (RSA, symmetric (matrix based) substitution cypher) documents to server using low level java sockets API.

CERTIFICATIONS / TRAININGS:

1. Infosys –Nov'08 to May'09(6 months corporate training at Mysore)
2. Infosys – JEE101 Core java training
3. Infosys - Open System training(Oracle, Unix, Perl,VB,C, C++)
4. Infosys – Mainframe101 training(Cobol, CICS, DB2)
5. Spanish Level 1 extended training from Institute **Hispania**
6. Intuit - AWS Foundation Certification (fromCloudthat)
7. Intuit – React, Relay and GraphQL(by DeveloperIntellegence)
8. Intuit – Cloud Computing Applications (University of Illinos, offered via Coursera)