

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:

Possesses 8+ years of experience in designing, developing, and leading software development projects

- Have worked on technology side of domains like banking, regulatory reporting, accounting application and analytics.
- Have strong experience on platforms, developer-ecosystem, SaaS and Developer Evangelism.

I love learning new skills & technologies and applying the learning to my projects. I feel good when a product or service developed/lead by me or which has my significant contribution solves a problem, makes someone's life a little easier and is used by a large number of users. Fast-paced, fearless and innovative work environment/project gets the best of me.

Employment History:

Name of the 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

Technical 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

Academics:

Examination	Board	Year	Percentage
Secondary (10 Standard)	West Bengal Board of secondary education	2002	80.5%
Higher-Secondary (Pure Science,10+2)	West Bengal Council of Higher secondary Education	2004	81.9%
B. Tech (CS)	West Bengal University of Technology	2008	8.16(CGPA)

Awards

Awards	Company	Time	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 tools dev
National Scholarship (India)	India Govt.	2004	10+2 exam 80% +

Details of Projects worked on

Current

Duration	Feb16- Till Date	Company	Intuit
Role	Staff Software engineer		
Roles performed	<ul style="list-style-type: none">✓ Represented Intuit Developer Group in multiple internal and external forums like Developer Week(NYC and SFO), HackArizona etc)✓ Driving multiple initiatives related to identifying current API shortcomings w.r.t similar partner’s API, major system/platform issues and working with multiple 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	<div>✓ Sample SaaS(using QBO API) App development</div> <div>✓ POC creation (Web/Android)</div> <div>✓ DEVKIT and Developer Tools creation and maintenance</div> <div>✓ Working as a POC between multiple project stakeholders</div> <div>✓ Helping external developers to build SaaS app on IPP</div> <div>http://stackoverflow.com/users/2140489/manas-mukherjee</div>		
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	<div>✓ Development on in-house reporting (FED) software.</div> <div>✓ Production Support(1 week per 2months)</div> <div>✓ Unit(JUnit, Mockito) and Integration Testing(Fitness)</div> <div>✓ Interaction with finance users(controllers technology) to understand business requirements</div>		
Technology and Domain	Operating System	Windows 7, Unix	
	Code base & Tech	Core Java, JAVA Web Start, ORM framework, JUnit, Fittesse	
	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 find opportunity area /grow their businesses.
Ref - <http://tectraisp.intuitlabs.com/QuickbooksV3API/index.htm>
- **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 and Training undergone

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 (from [Cloudthat](#))
7. Intuit – React, Relay and GraphQL (by Developer Intellegence)
8. Intuit – Cloud Computing Applications (University of Illinos, offered via Coursera)
9. Intuit – MIT Data To Insights (on going).

Personal Profile

NAME	: Manas Kumar Mukherjee
DATE OF BIRTH	: 19 May, 1986
NATIONALITY	: Indian
MARITAL STATUS	: Married
LANGUAGES	: English, Hindi, Bengali, Spanish (Beginner)
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Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.