

HIMANGSHU JYOTI HAZARIKA

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Professional EXPERIENCE

Principal engineer, Simplycredit (San Francisco)(Feb 2019 - Present)

I lead the engineering the engineering team of San Francisco . Working closely with CTO and CEO , I plan the engineering roadmap of the company . Lead and architect critical projects and help plan the week of the engineering team.

Senior software engineer, Simplycredit (San Francisco)(Jan 2017-Feb 2019)

I lead the engineering the engineering team of San Francisco . Working closely with CTO and CEO , I plan the engineering roadmap of the company . Lead and architect critical projects and help plan the week of the engineering team

Contractor Software Engineer, Simplycredit (Bangalore) February 2016- January 2017

Joined Simplycredit as a contractor engineer from India after winding my startup. I was instrumental in designing the software and the product roadmap. I was also involved in hiring the rest of the team . Due to the critical nature and impact of my work, I was hired as Senior Software Engineer and brought to the US on an O1 visa (Alien of extraordinary ability)

Co-Founder, Gozoomo.com, Bangalore , January, 2014 - January 2016

I am the tech co-founder of Gozoomo.com. I did everything from writing the first line of code to designing the tech infrastructure of the company to build the technology team. In a very short time frame, we created several products to help us generate liquidity and sell a peak of 500 cars per month. I led the technology battle as we moved from bootstrap to seed fund to series A.

Co-Founder, Sokratik, Bangalore, Sep 2013–January 2014

I was the tech co-founder of sokratik and tried to change the K-12 education instruction method. I built the product using only me and two interns.

Tech Lead, BankBazaar.com, Chennai & Bangalore, December 2011-Sep 2013

Software Design Engineer, July 2010- December 2011

I created the architecture that governed all web services at BankBazaar. I led the creation of the first insurance product of BankBazaar, the loan decision system used by ICICI Bank and Axis Bank on their premises. I was also in charge of the hiring of all developers (taking technical interviews as well as motivating hires to join instead of established companies) of Bankbazaar and helped to increase the size of engineering team six folds. I got out of turn double-promotion from SDE1 to SDE3.

Software Engineer, Ivy Comptech , Hyderabad, June 2009- July 2010

Worked in the ten-member Transaction Technology team that takes care of all financial transaction related development for Party Gaming.

Amateur Experience

1. Built the first online donation portal of IIT Kharagpur's alumni cell.
2. Built and executed the project to bring IIT Kharagpur's campus job placements online.
3. Designed an encrypted USB vault, complete with its file system, for IIT Kharagpur's open software design competition.
4. Designed and developed an Integrated development environment with the self designed compiler, a simulator for a custom RISC processor.
5. I was the central coordinator of all events and overall in-charge of the website of IIT Kharagpur's techno-management festival. Under my watch, participation grew by over ten times.

EDUCATION

Domain Expertise

Fin-tech
P2P Marketplace
Education
Payments

Expert in

Java
Clojure
Nodejs
Javascript
Phoenix
Elixir
HTTP Rest
Tomcat
Wildfly
Nginx
MongoDb
Postgres
Smt
Web-Scraping
EC2
AWS
Linux
CircleCI
Cloudformation

Intermediate knowledge of

Twitter-Bootstrap
Rabbitmq
Python Django
Racket
SML-NJ
PHP
Ruby
Scss
Jenkins
Grails
AngularJs
Android

ACTIVITIES & AWARDS & Media Coverage

1. Awarded best outgoing senior in technology events of Rajendra Prasad Hall of Residence of IIT Kharagpur for the year 2009. I got this award in recognition of my active involvement in technology related activities and competitions in IIT Kharagpur throughout my stay in IIT Kharagpur.
2. Various other prizes in quizzes, ad design, case study, debates in college competitions.
3. Forbes -> 20 startups to watch out for in 2016
(<http://www.forbes.com/sites/tanyaprive/2015/12/22/20-startups-to-watch-in-2016/3/#6b84b5897801>)
4. Techcrunch -> Gozomo funding Press release
<https://techcrunch.com/2015/07/02/gozomo/>
5. TechInAsia -> premiere startup news magazine based out of Singapore ->
<https://www.techinasia.com/millions-bank-saif-partnersbacked-gozomo-shuts-shop-heres-happened>
6. Wall Street journal ->
<http://www.wsj.com/articles/indias-gozomo-shuts-down-returns-capital-to-investors-1472224501>
7. Times Of India -> Worlds largest circulation broadsheet
-><http://timesofindia.indiatimes.com/business/india-business/What-this-Bengaluru-based-start-up-did-when-its-business-model-didnt-scale/articleshow/54286503.cms>
8. Financial Express ->
<http://www.financialexpress.com/industry/companies/gozomo-a-startup-that-shut-its-operations-with-a-rather-brave-step/374250/>
9. Economic Times ->
<http://economictimes.indiatimes.com/small-biz/yuri-milner-to-invest-2-million-in-used-cars-marketplace-zoomo/articleshow/48417425.cms> , India's largest financial newspaper
10. inc42 -> <https://inc42.com/buzz/zomo-series-a/>
11. Tech in asia -> <https://www.techinasia.com/gozomo-trio-disrupt-used-car-market>
12. CNBC -> <https://www.youtube.com/watch?v=3Gjup-2QE38>

Significant Technology Projects

Year	Summary and achievements	Technologies	Team size and individual contribution
January 2018- Now	SimplyCredit Devops A pipeline which ensure that every code that goes to production is tested automatically for both logical errors and security flaws. In addition Simplycredit infrastructure	<ol style="list-style-type: none"> 1. AWS 2. CircleCI 3. Clam AV 4. USM 	Team Size: 1 My Role: I was responsible to research, learn and deploy the devops tools which are essential for a complex system like ours that deals with money and sensitive

	to IDS system which ensure we passed through internal audits		consumer data.
January 2019- Now	SimplyCredit Core Integration-> We created a platform where finances handled in Simplycredit is properly integrated with existing core systems of credit unions. This creates a defensible moat.	<ol style="list-style-type: none"> 1. Clojure 2. Soap 3. Linux 4. VPN 5. AWS networking 	Team Size: 4(Maximum) My Role: I designed the architecture of the core business logic code. In addition, I created VPN pipelines to data centers of our partner providers. I built data synchronization architecture so that even if the data center of partner goes down, there are no catastrophic events to consumers.
January 2017- Now	SimplyCredit Auto Loan Refinance Product -> We created an online portal for refinancing auto loans .	<ol style="list-style-type: none"> 1. Docker 2. AWS 3. Clojure 4. Redash 	Team Size: 2(Maximum) My Role: I handled infrastructure for the project. I ensured that code written was deployed in the cloud and was served with no downtime. In addition, I worked on PCI layer to ensure SSNs were properly encrypted.
Jan 2017- Now	SimplyCredit Platform for Refinancing Credit Cards Worked on the version version of credit card refinance product. It can pay credit cards directly reducing the risk of fraud and removing friction points in balance transfers. In addition, I designed the infrastructure which allows a single engineer to ensure up times and track of all money movement in the system.	<ol style="list-style-type: none"> 1. ClojureScript 2. Scala 3. Elixir(Phoenix) 4. Redash (Warehousing and Analytics) 5. Linux (Systemd) 6. AWS (Cloudformation,R DS,ALB,S3,EC2, Cloudfront, AMI) 7. Docker 	Team Size: 7(At its maximum) My Role: I was the second engineer to join the team and wrote most of the frontend code.
Feb 2016- January 2017	SimplyCredit Consumer Product Built the first version of customer facing website of Simplycredit.	<ol style="list-style-type: none"> 1. Clojurescript 2. Scala 	Team Size: 2 My Role: I was the second engineer to join the team and wrote most of the frontend code.
2015, Oct - Feb, 2016	Gozoomo bikes and cars	<ol style="list-style-type: none"> 1. clojure 	Team Size: 20

	integration Extended Gozoomo's peer to peer car transaction marketplace to bikes.	2. java 3. wildfly 4. apache thrift 5. RabbitMQ 6. postgres 7. ruby on rails 8. angularjs 9. android	My role: I am the overall lead of the team. I am responsible for architecture and code reviews and production quality and release.
2014 January - May 2015	Create v1 of Gozoomo.com Build a product that did 500 transactions per month and got us series A.	1. clojure 2. RabbitMQ 3. MongoDB 4. erlang 5. angularjs	Team Size :4 My role: I was the tech co-founder. I wrote code, built the team and took critical decisions on infrastructure
2013 September- 2014 January	Create v1 of sokratik.com Built an in-browser tool to create and edit html5 videos.	1. nodejs 2. angularjs	Team Size: 1 My role: I was the sole primary coder. I also supplemented myself with temporary interns.
December 2012- April 2013	Aegon Religare Term Insurance Created A new website to liaison with customer, a customer relationship management portal for BankBazaar and Aegon employees, an advanced work-flow engine for applications and technology integration between AEGON and BankBazaar systems.	1. spring 2. grails 3. tomcat 4. clojure 5. javascript	Team Size :8 My role: I was the architect cum engineering manager for this project and was responsible for end to end product
May 2012 - September 2012	HDFC Bank integration Reduced the turnaround time of HDFC Bank (India's second largest private bank) by directly integrating with their technology.	1. java 2. clojure	Team Size 2 My Role: I was the architect and lead which moved integration from email based integration to web service integration
Jan 2012 - May 2012	ICICI bank integration Wrote the web-service that integrated with the existing loan technology of ICICI Bank(India's largest private bank)	1. java 2. Apache CXF 3. clojure 4. soap	Team Size: 5 My role: The team's job was to on board ICICI bank as a partner of BankBazaar. My role was to complete the web-service integration
July 2011 - Jan 2012	Bankbazaar partner portal Created a tree based	1. java 2. grails	Team Size: 2 My role: I was the primary

	permission and work-flow for all loan applications of BankBazaar.	3. apache cxf	developer and wrote 99 % of the code. I worked with an architect
September 2010 - March 2011	Bankbazaar Redesign Built the base product that serves as the platform of retails loan products of all leading retail banks in India.	1. java 2. grails 3. clojure 4. apache cxf 5. hibernate	Team Size: 4 My role: I wrote the DB encryption layer. I wrote all the micro-services in Apache CXF.
July 2010 - September 2010	Indian Bank Internet banking Processor Created a module that could log in on behalf of the customer and generate a legally valid proof for loans.	1. java 2. soap	Team Size: 2 My role: I was the primary developer who developed a rule based scraping engine.
Jan 2010 - July 2010	Rewrote sign up module for party-gaming Moved the sign-up module of party-gaming from a conventional web to Ajax based we page.	1. javascript 2. java spring	Team Size: 3 My role: I was the primary developer.
May 2008 - May 2009 (academic)	IIT Kharagpur custom chip for processing OFDM signals I wrote the software compiler which can convert regular c code to machine language and also did reserve mapping from machine language to C	1. java	Team Size: 1 My role: Research Student
May 2008 - December 2009 (Developer)	IIT Kharagpur alumni contribution portal	1. PHP	Team Size: 2 My role: I was the lead developer.
March 2006 - Feb 2007 (Product Manager)	IIT Kharagpur technology fest website We Created a virtual stock trading game. This site had most hits among all college websites of India that year.	1. PHP	Team Size: 4 My role: I was a team member.