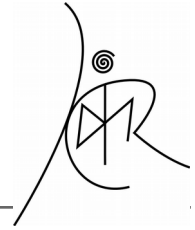


Koustubh Sinkar

Computational Engineer



EXPERIENCE

Feb 2018 – Present	Sr. Software Engineer, Hexad, Berlin <ul style="list-style-type: none">Leading an Agile (XP) team while practising TDD and Pair ProgrammingReplaced a legacy desktop dealer-facing application to a μ-services arch(Springboot) and Hybrid/PWA (Ionic) continuously integrated using ConcourseMigrated μ-services app from CF to KubernetesMigrated >1M records from disparate legacy systems	Kotlin, Java, SpringBoot MongoDB, MySQL Cloudfoundry, Concourse Kubernetes, Docker NodeJS, MQTT
Aug 2016 – Jan 2018	Sr. Software Engineer, Globant, Pune <ul style="list-style-type: none">Maintain a feed and conference engine with REST APIRefactoring badly written code and decoupling dependenciesWebRTC with Audio and Chat using EasyRTCData Warehousing with ETL and Star SchemaBackground jobs with Sidekiq & Resque	RoR, Git, PostgreSQL Capistrano, Ubuntu SAML 2.0 EasyRTC ETL, OLTP Sidekiq, Resque
Aug 2013 – Feb 2015	Software Engineer, MangoApps, Pune <ul style="list-style-type: none">Implemented SAML authentication and OAuth2Distributed realtime editing with Etherpad and NodeJSBrowser Security Review of MangoAppsMigrated Background jobs from DelayedJobs to Resque and Resque-Scheduler	RoR, SVN, MySQL SAML 2.0, OAuth 2.0 NodeJS, Etherpad Brakeman Resque, Redis
Aug 2012 – July 2013	Lead Developer, Idyllic Software, Pune <ul style="list-style-type: none">SPOC with the client to decide on a set of deliverable objectives for the projectLead a team of developers, designers and testers to achieve those goalsUsed TDD to maintain a minimum consistency in the quality of the delivered productUsed Heroku for rapid deployment and delivery	Ruby on Rails (RoR) Heroku PostgreSQL jQuery, Javascript HTML Git
Mar 2011 – Jul 2012	Software Engineer, Intellectap, Mumbai <ul style="list-style-type: none">Designing Loan Products and integrating them into Mostfit (a FinTech SaaS for MFIs)Implemented data exchange between Mostfit and Highmark Credit BureauImplemented logic for Cross Verification of ledger entries across multiple COAs in Molly (a FinTech SaaS for Accounting)	Ruby, Merb, MySQL Nginx, Ubuntu Git, Gitolite jQuery, Javascript HTML
Jun 2010 – Mar 2011	Embedded Systems Engineer, Megavision, Mumbai <ul style="list-style-type: none">Developed a proximity based security system using the nRF24LU1+ from scratchImplemented the firmware using Embedded C and KeilCo-designed the hardware using ProtelSPI communication of LPC2148 (ARM7 processor) to store data onto a μSDcard	C, C++ ARM LPC2468, OMAP -L138 AVR Atmega 8535, 16l 8x51 P89V51RD2, nRF24LU1+

VOLUNTEERING

July 2015 – Mar 2016	KPC Volunteer, Rosen Herbs, Israel <ul style="list-style-type: none">• Maintaining a Greenhouse• Learning controlled agriculture techniques• Acclimatizing with the local culture, learning about it
Jul 2014 – Jun 2015	SAA, TMCP- East, Pune <ul style="list-style-type: none">• Tend to club property• Co-ordinate meetings
Jan 2014 – Jun 2014	President, TMCP-East, Pune <ul style="list-style-type: none">• Preside over all the meetings of the club• Lead the club to financial viability• Chief Executive Officer of the Club
Dec 2013 – Jul 2013	VP-PR, TMCP, Pune <ul style="list-style-type: none">• Promote the club to the local community• Responsible for the club's web presence• Increase the footfalls to events and club meetings
Dec 2011 – Jan 2012	Yatri, Jagriti Yatra, India <ul style="list-style-type: none">• Was part of a train journey, that travels throughout India exploring, studying and getting inspired by the solutions that are being created for India, by Indians• Post Yatra, helped organize a clothes collection drive for Goonj, for two consecutive years

EDUCATION

Jun 2006 – May 2010	University of Mumbai <i>Thadomal Shahani Engg. College</i> Bachelor of Engineering (Electronics & Telecommunication)
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PROJECTS

iBluebottle

Part of the team that helped create and launch iBluebottle, a matrimonial web application for HNI Indians

Sankalp 2011

Master of Ceremony for the Agri track

B.E. Project

Compared two algorithms for object extraction from high resolution satellite images using OpenCV

LANGUAGES

c2	EN
c2	MR
c2	GJ
c1	HI
a2	DE
a1	ES
a1	IW

HOBBIES

postcrossing
philately
chess
philosophy
humans