S R I J A N R . S H E T T Y

✉ srijan.shetty@gmail.com
⊙ @srijanshetty
🌐 https://srijanshetty.in

SKILL SET	LANGUAGES	**JavaScript** (Expert), **Java** (Proficient), **Python** (Proficient), **C++** (Functional)
	WEB DEV	**HTML5**, **CSS**, **SQL and NoSQL**, **React**, **Nodejs**
	TOOLS	**Git** (Expert), **Shell** (Proficient), **Vim** (Expert)

WORK EXPERIENCE

Co-founder & CTO
ALLROUND.CLUB, Bangalore
<div align="right">JAN 2020 - PRESENT</div>

Freelance Software Developer
Bangalore
<div align="right">AUG 2019 - DEC 2019</div>

Policy in Action Fellow (Bangalore 2019)
YOUNG LEADERS FOR ACTIVE CITIZENSHIP, YLAC
<div align="right">JAN 2019 - FEB 2019</div>

- Prepared a policy brief for an MP by having conversations with stakeholders and analyzing publicly available data on the topic.
- Understand the public policy landscape in Indian and learn about effective advocacy and sound policy making.

Associate, Systematic Market Making
GOLDMAN SACHS, Bangalore
<div align="right">JAN 2019 - JUL 2019</div>

- Worked on Principal Liquidity Provision and systematic internalizer (SI) for the MiFiD II regime.
- Scaled the web infrastructure (Vertx, Angular, React) as a full stack developer, to visualize and monitor realtime data streams over web sockets.
- Optimized million rowed data streams by sending deltas and chunking of messages over ZeroMQ for performant message delivery.
- Develop the SRE and monitoring infrastructure of the team using a variant of the TICKstack (Telegram, Influx, Grafana, Kapacitor)

Analyst, Systematic Market Making
GOLDMAN SACHS, Bangalore
<div align="right">DEC 2017 - DEC 2018</div>

Analyst, Central Risk Book
GOLDMAN SACHS, Bangalore
<div align="right">JUNE 2015 - NOV 2017</div>

- Designed a low latency block pricing REST service in Java and Vertx; dynamically adjusting quotes for volatility and volument in market.
- Generated a data certification and analytics framework which served as the gold standard for data driven policy decisions.
- Created a framework for realtime functional monitoring of processes using web based D3.js visualization and live timeseries based metrics generated processes.
- Built a resilient reference data framework which computes static data at the beginning of the day for over thousands of entities in few minutes. The framework is currently being used worldwide within Goldman.
- Overhauled the UI/UX with a React/Redux based soultion on the frontend and a Vertx3 based REST backend to bring our interfaces closer to the industry.

DevOps Engineering
KLOZEE, Bangalore
<div align="right">MAY - JUNE 2015</div>

- Automated developer operations by creating a heroku style push to deploy model on AWS.
- Worked full stack on Express, Angular, Node and Angular to create an apparel store for the web app.

Multi Factor Authentication in OpenVPN
MOZILLA WINTER OF SECURITY, Guillaume Destuynder, Professor Dheeraj Sanghi
<div align="right">2014 - 2015
[Wiki]</div>

- One of the **eleven** teams all over the **world** to be selected as a part of Mozilla's Winter of Security Initiative 2014.
- The objective of the project was to implement true **arbitrary multi-factor authentication** support in **OpenVPN**; and to implement **session-support** for the additional factors.
- The wiki for the project is located at https://wiki.mozilla.org/Security/Mentorships/MWoS/2014/OpenVPN_MFA

Research Intern
MICROSOFT RESEARCH INDIA, Bangalore
<div align="right">MAY-JULY 2014</div>

- Analysed the implementations of different distributed systems and databases architectures like **Google MapReduce**, **Google FileSystem**, **Google MillWheel**, **Amazon DynamoDB**, **Apache Hadoop**, to understand the design decisions involved.
- Used **TPL Dataflow** and **Lightweight Tasks** to implement concurrent pipeline processing of messages in CScale to preserve processing order of partially ordered messages.
- Performed **performance testing**, **failure testing** of the existing infrastructure.

Software Development Intern   May-July 2013
Aurus Networks', Bangalore

Awards and Achievements

2014-2015	Chief Election Office, Election Council, IIT Kanpur.
2014-2015	Head, Major Events and Competitions, Antaragni '14.
2013-2014	Editor-in-chief, Vox Populi.
2011-2015	Students' **Gymkhana Leadership Award**, IIT Kanpur.
2011-2015	Recipient of **Academic Excellence Award**, IIT Kanpur, thrice.
Jan 2011	Kishore Vaigyanik Protsahan Yojana (**KVPY**) Fellowship