

# Gokul Srinivas

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## EDUCATION

### NIT TRICHY

B.TECH IN COMPUTER SCIENCE

May 2017 | Trichy, India

Cum. GPA: 8.53 / 10

SBOA SCHOOL & JR. COLLEGE

May 2013 | Chennai, India

## LINKS

LinkedIn:// gokulsrinivas

Github:// nym3r0s

## COURSEWORK

Undergraduate:

Algorithms & Data Structures

Database Management Systems

Cloud Computing

Service Oriented Architecture

Data Warehousing and Mining

Operating Systems

Artificial Intelligence

Multimedia Systems

Unix Tools and Scripting

## SKILLS

Working with:

Java • Kafka • MySQL

CockroachDB • Git • Unix

Worked with:

TypeScript • JavaScript

Redis • Python • PHP

Cassandra • MongoDB • Go

Familiar:

C++ • MS SQL • RabbitMQ

Docker • K8s • Vagrant

Prometheus • Grafana • ELK

## VOLUNTEER

ML & AI Bootcamp

Taught the basics of ML & AI to undergrad students selected for **Katalyst** at Goldman Sachs.

Fund Grant Automation

Automated the grant application process for research & consultancy projects at NIT Trichy.

Linux & Python Workshop

Part of the team that conducted a workshop (like missing.csail) for freshman students at NIT Trichy.

## EXPERIENCE

**JP MORGAN CHASE & CO.** | SENIOR ASSOCIATE, EXPERIENCE API PLATFORM

October 2019 - Present | Bangalore, India

- Architecting, building and operating a secure, business-critical, distributed API Platform for applications across LoBs deployed on the internal cloud. Built with Java11, Kafka, MariaDB, CockroachDB and Cassandra .
- The API Platform is cross-cutting, performant and resilient, handling millions of requests and computations on large (300M+) data sets.
- Part of initiative to revamp, modularize and modernize platforms for the internal (CloudFoundry) and public cloud (AWS).

**GOLDMAN SACHS** | ANALYST, DIGITAL EXPERIENCE

June 2017 - October 2019 | Bangalore, India

- Full-stack engineer in the Digital Experience team working with global stakeholders to build applications critical to productivity and collaboration.
- Architected and developed a click-to-call app used by 20K users for P2P and conference calls in ES6 compliant AngularJS, Java, MS SQL. Won the 2017 Goldman Sachs Bengaluru Innovation Award.
- Developed a spotlight-like desktop productivity tool with Angular, Electron and was the engineering lead for its server-side component built with VertX, Java11, Redis, MongoDB . Used worldwide by 40K users daily.
- Led SRE initiatives in the team. Configured and deployed monitoring systems for Web Apps and APIs using Prometheus, InfluxDB, Grafana which increased visibility on SLIs and helped set SLOs.
- Managed and mentored interns, conducted interviews, part of the workplace social committee and involved with the GS India Women in Technology group.

**PRAGYAN** | HEAD, WEB OPERATIONS

May 2016 – May 2017 | Trichy, India

- Led and mentored the Web Operations team of 40+ engineers.
- Developed API Platform handling registration, accommodation, payments with PHP7, MySQL . Handled 460K hits and processed payments of ₹2.7 Million over 48 hours. Integrated with the Web and Android Apps.
- Engineering lead for the in-app **Voice assistant** and **Augmented Reality** treasure hunt to direct users towards points of interest.
- Used participant **RFID cards** to completely digitize operations becoming paperless and contributing to the ISO 20121:2012 certification for sustainable event management.

## PROJECTS

**SAFR** | SEPTEMBER 2016

Prototype of a cloud based, open source password manager with AES-256 encryption that enables remote logons by using an Android app to scan an in-browser QR code generated by a Chrome extension.

Adjudged winner of the inGenius Hackathon 2016.

## AWARDS

2018 Winner

Goldman Sachs Bengaluru Innovation Award

2016 Winner

inGenius Hackathon - PESIT, Bangalore

2013 Best Student / 10K

SBOA School and Junior College

2012 6th

National Cyber Olympiad (NCO) Finalist