

Gokul Srinivas

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EDUCATION

NIT TRICHY

BTECH IN COMPUTER SCIENCE

May 2017 | Trichy, India

Cum. GPA: 8.53 / 10

SBOA SCHOOL & JUNIOR COLLEGE

Grad. May 2013 | Chennai, India

LINKS

Github:// [gokulsrinivas](#)

LinkedIn:// [gokulsrinivas](#)

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

PROGRAMMING

Over 10000 lines:

Java • Python • PHP

TypeScript • JavaScript

Over 1000 lines:

C++ • C • Go • Shell

Familiar:

MySQL • MongoDB

Android • Git • NodeJS

Redis • Kafka • RabbitMQ

VOLUNTEER

ENGINEERING

Basics of ML & AI

Taught the basics of ML & AI
to students selected for the

Katalyst Program at Goldman Sachs.

Fund Grant Automation

Automation of the grant application
process for projects in NIT Trichy.

SOCIAL

2015 South Indian Floods

Collected and distributed aid
to the people in affected areas.

EXPERIENCE

GOLDMAN SACHS | ANALYST, WORKPLACE ENGINEERING

June 2017 - Present | Bengaluru, India

- Primarily a full-stack engineer working with the Workplace Engineering team to build applications critical to productivity, collaboration and communication.
- Planned, designed and developed a collaborative web application used by 3K users daily for P2P and conference calls in ES6 compliant **AngularJS, Java8**. Won the 2017 GS Bengaluru Innovation Award.
- Contributed to the design and development of a spotlight-like productivity tool built with **Angular, Electron**. Used by 40K employees daily.
- Architected and built the highly-available server side component of the spotlight-like firmwide productivity tool with **Java8, Redis, MongoDB**. System was load tested to 10K requests per second per region.
- Leading SRE initiatives in the team. Configured and deployed monitoring systems for our services using **Prometheus, InfluxDB, Grafana**.

PRAGYAN | HEAD, WEB OPERATIONS

May 2016 - May 2017 | Trichy, India

- Developed APIs which handled registration, payments and participant check-ins with **PHP7, MySQL** that logged more than 460K hits over 3 days.
- Integrated participant **RFID cards** with existing systems contributing to the ISO 20121:2012 certification for Sustainable Event Management.
- Led and managed the WebOps team of 50 engineers. Worked closely with other teams to help automate procedures and solve operational problems to help save time by over 50%.

TERITREE | SOFTWARE ENGINEERING INTERN

May 2015 - June 2015 | Bengaluru, India

- Developed an **Android** library that sent real-time data for analytics thereby enabling a new source of data that improved accuracy.
- Built Microservices using **Django, RabbitMQ** to send push notifications to clients using **Google Cloud Messaging** and **Amazon SNS**.

PROJECTS

PRAGYANCMS | AUG 2016 - MAY 2017

A simple and fast multi-user content management system to organize and maintain collaborative web content. Upgraded the entire system to **PHP 7**.

SAFR | SEPTEMBER 2016

A secure, cloud based, open source password manager with AES-256 bit encryption that enables logging into websites by scanning a QR code with the **Android** app. Won first place at the inGenius Hackathon.

PRAGYAN PREMIER LEAGUE | FEB 2015 & FEB 2016

An online cricket management game, in which players manage their team in a virtual tournament. Played by more than 700 participants.

AWARDS

2016	Winner	inGenius Hackathon - PESIT, Bangalore
2013	Best Student	SBOA School and Junior College
2012	6th	National Cyber Olympiad (NCO) Finalist
2011	National Champion	TCS IT Wiz