

Gokul Srinivas

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EDUCATION

NIT - TRICHY

BTECH IN COMPUTER SCIENCE

Expected May 2017 | Trichy, TN
Conc. in Software Engineering
College of Engineering
Cum. GPA: 8.55 / 10.0

SBOA SCHOOL & JC

HIGH SCHOOL

Best Student Award 2012-2013
Grad. May 2013 | Chennai, TN

LINKS

Github:// [GokulSrinivas](#)
LinkedIn:// [gokulsrinivas](#)
Quora:// [Gokul-Srinivas](#)

ORGANIZATIONS

DELTA

SOFTWARE ENGINEER

NIT-Trichy | Trichy, TN

Member of elite programming club that is responsible for the university website and applications for the administration

SKILLS

PROGRAMMING

Over 50000 lines:

C++ • PHP • JavaScript
HTML • CSS • Python
NodeJS • Go

Over 10000 lines:

C • MongoDB • MySQL

Familiar:

Hack • Shell

EXPERIENCE

PRAGYAN | HEAD, WEB OPERATIONS

Jan 2016 – Current | NIT-Trichy, TN

- Responsible for building and maintaining entire computing infrastructure that powers Pragyan.
- Complete API for web and mobile platform. Included Admin Panel for monitoring of participants, event statistics and sales of tickets.
- Responsible for integration of RFID Cards with existing technical infrastructure and implementation of micro services.
- Used by more than 13,000 students from NIT-Trichy and other colleges.

FESTEMBER | LEAD DEVELOPER

July 2015 – Current | NIT-Trichy, TN

- API for user registration and event registration. Included automatic sending of activation e-mails.
- API for the Mobile and Web platform for registration of students and distribution of Food Coupons and T-shirts. Implemented generation of QR codes and logging of the HTTPS requests and responses.
- Used by more than 4400 students from NIT-Trichy and other colleges.

GOLDMAN SACHS | SUMMER ANALYST

May 2016 - July 2016 | Bangalore, KA

- Responsible for the complete uplift of a critical collaboration tool used for remote calling.
- Built the responsive frontend using ES6 compliant AngularJS and the service with Spring MVC on Java 8.

FLIPKART HACKDAY 15 | HACKATHON PARTICIPANT

June 2015 | Bangalore, KA

- Participated in the Flipkart Hackday 6, an internal hackathon organized by Flipkart, a leading e-commerce company.
- Created Flippy, a voice activated personal assistant for shopping that uses the Alchemy API and fuzzy search to search and buy products using only the microphone.

TERITREE | SOFTWARE ENGINEERING INTERN

May 2015 - June 2015 | Bangalore, KA

- Android library to improve analytics by sending real-time data to the servers. Created documentation for the library and a sample android application for easy integration.
- Python backend to send push-notifications to Android and iOS devices using Amazon SNS and Google Cloud Messaging.

INFORILL | SOFTWARE RESEARCH INTERN

Dec 2013 – Jan 2014 | Chennai, TN

- Worked on a full-stack project using NodeJS, Javascript by implementing database modeling, MVC design pattern, REST architectural pattern and automated testing.
- Experimented with EmberJS, Yeoman, Grunt, Bower, UnderscoreJS, Bookshelf and Node ORM 2.

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COURSEWORK

UNDERGRADUATE

Database Management Systems
Service Oriented Architecture
Data Structures and Algorithms
Operating Systems
Networks
Internetworking Protocols
Mobile Application Development
Web Technologies
Artificial Intelligence
Multimedia Systems
Unix Tools and Scripting

EXTRA CURRICULAR

ACTIVITIES

TAUGHT PYTHON

TAUGHT INTRODUCTORY COURSE FOR FRESHERS

NIT-Trichy | Trichy, TN
Taught the basics of Python and web scraping.
Attended by more than 75 first year students

VOLUNTEER, NSS

VOLUNTEERED AT A FREE EYE CHECK UP FOR THE PUBLIC

NIT-Trichy | Trichy, TN
Part of the NSS team which organized the free eye check up camp for students and faculty.

VOLUNTEER, FLOOD RELIEF

VOLUNTEERED FOR DISTRIBUTING AID DURING 2015 SOUTH INDIAN FLOODS

Chennai | Chennai, TN
Part of the team that collected and distributed aid for the people affected by the 2015 South Indian floods.

PROJECTS

SANGRIA | LEAD DEVELOPER

April 2016 | Trichy, TN

- Library with helper classes aimed at making API development with PHP easier with reusable components.
- Built for PHP and published to Packagist.

FUND GRANT AUTOMATION | LEAD DEVELOPER

July 2015 - Feb 2016 | Trichy, TN

- Automation of the application process to receive grants for research projects of the faculty members of NIT Trichy.
- Built with Laravel 5.1, MySQL and Twitter Bootstrap.

DAIQUIRI | LEAD DEVELOPER

December 2015 | Bangalore, KA

- A crowdsourcing project enabling safety check with the use of Aadhaar Card (UID) written in the Go Programming Language.
- Included Admin interface to find the status of any person using UID number and Android app to enable users to quickly update their status by scanning the QR code in the UID card.

GO-HTTP | LEAD DEVELOPER

June 2015 | Bangalore, KA

- A simple command-line static file server written in the Go Programming Language.
- Includes options to specify port number and the sub-directory to be served and logging the requests on the command line.

PRAGYAN PREMIER LEAGUE | LEAD DEVELOPER

Jan 2015 - Feb 2015 & Jan 2016 - Feb 2016 | Trichy, TN

- Pragyan Premier League is a Cricket Management Event, in which participants manage their team in a virtual Cricket tournament.
- Developed the algorithm to simulate the virtual cricket matches.
- Played by more than 700 users. Built with PHP5, MySQL, JavaScript and Twitter Bootstrap.

SEMESTER RESULTS GRAPHER | LEAD DEVELOPER

July 2014 | Trichy, TN

- A web-app to view the distribution of grades in a class.
- Scraped the institute's results page using python and used ChartJS to render the graphs on a HTML5 page.

AWARDS

2014	1 st	Horizons Quiz - NIT Trichy
2013	Best Student	SBOA School and Junior College
2012	6 th	National Cyber Olympiad (NCO) Finalist
2012	1 st	Indian Coast Guard Quiz Competition, Finals
2012	1 st	SPG India Quiz, National Finals
2012	1 st	Brainiac Quiz, Finals
2011	1 st	TCS IT Wiz, National Finals