Gokul Srinivas

https://gokulsrinivas.github.io
gokusrinivas@gmail.com | +91.900.303.7906

EDUCATION

N I T - TRICHY
BTech in Computer Science

Expected May 2017 | Trichy, TN
Conc. in Software Engineering
College of Engineering
Cum. GPA: 8.72 / 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**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Operating Systems
Networks
Data Communication
Unix Tools and Scripting

SKILLS

PROGRAMMING
Over 10000 lines:
C++ • PHP • JavaScript
HTML• CSS • Python
Over 1000 lines:
C • MongoDB • MySQL
Familiar:
NodeJS • Go
Hack • Shell

EXPERIENCE

FESTEMBER 15 | Software Engineer
July 2015 – Present | 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 and distribution of students for 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.

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.

DELTA | Web Developer + Software Engineer
July 2014 – Present | NIT-Trichy, TN
- Web Developer for the college's premier programming club. Member of the institute web team. Responsible for certain aspects of the college website.
- Experimented with various programming languages and frameworks.
- In top 7 out of 200 applicants for Delta.

INFORILL | Software Research Intern
December 2013 – January 2014 | Chennai, TN
- Worked on an information security risk management app 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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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
VOLUNTEER 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.

PROJECTS

FUND GRANT AUTOMATION | LEAD DEVELOPER
July 2015 - Present | Trichy, TN
- Automation of the application process to receive grants for research projects of the faculty members of NIT Trichy.
- Online application for grants with grant approval from the admin and automatic pdf generation on approval.
- Built with Laravel 5.1 ,MySQL and Twitter Bootstrap.

GO-HTTP | LEAD DEVELOPER
https://gokulsrinivas.github.io/go-http/
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 ROUND 1
Jan 2015 - Feb 2015 | Trichy, TN
- Pragyan Premier League is a Cricket Management Event, in which participants have to participate in an auction of players, and decide their playing strategy in a virtual Cricket tournament.
- Scraped web pages for real time data using Python. Played by more than 320+ teams. Built with PHP5, MySQL, JavaScript and Twitter Bootstrap.

TWITTER AND INSTAGRAM FEED | LEAD DEVELOPER
Sep 2014 | Trichy, TN
- A live feed of top tweets and Instagram posts during Festember-14.
- Retrieved data using the Twitter API and Instagram API. Tweets and posts were filtered based on a particular hashtag. Built with PHP, MySQL 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 deployed a beta version.
- Used ChartJS to render the graphs on a HTML5 page.

AWARDS

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