Parth Thakkar

thakkarparth007@gmail.com

EDUCATION

NATIONAL INSTITUE OF TECHNOLOGY - TRICHY
B.Tech in Computer Science Engineering
Expected May 2018
Cum. GPA: 8.90 / 10.0

LINKS

Github:// **thakkarparth007**
Hackerrank:// **thakkarparth007**

COURSEWORK

UNDERGRADUATE
Operating Systems
Formal Languages & Automata
Computer Architecture
Internetworking Protocols
High Speed Networks
Database Systems
Data Structures & Algorithms
Probability Theory
Discrete Structures

SKILLS

LANGUAGES
C • C++ • Javascript
HTML • CSS • SQL
Intermediate:
Python • PHP
Familiar:
Java• Ruby • Scala
Bash

TOOLS & TECH
AWS • NodeJS • MongoDB
Serverless • Exotel APIs • Git
CUDA • Bluemix Blockchain
ExpressJS • Socket.IO • JWT
Backbone.JS• Semantic-CSS
VueJS • LaTeX• Voice Recognition
with Alexa Skills Kit

EXPERIENCE

AMAZON | Software Engineering Intern
May 2016 – July 2016 | Chennai, India
- Worked on an Echo-driven Tech Conference, where Amazon Echo devices use voice recognition to act as help desks and MoC's.
- Built a fully serverless backend with NodeJS, AWS, and Serverless to power FireOS Apps, the Alexa Skill and a website. Made to work in unreliable network conditions. Used JWT for authorization.
- Integrated it with internal systems, and handled Ops of the whole system.

PROJECTS

PHD/MS ADMISSIONS PORTAL | April 2016 - May 2016
https://github.com/Chandana02/PhD_form
- The portal for PhD and MS admissions for NIT Trichy.
- The project was deployed succesfully to production.

REMBOOK | March 2016 – April 2016
https://github.com/rizwanhkm/rembook
- A single page webapp for sharing memories of the graduating students.
- The webapp handled heavy load and also handled generation of PDFs of all the memories for a given person.

PHYXINPUT | Jan 2016
https://github.com/jhurricane96/mazegame
- A maze game that can be controlled with controls drawn on paper with pencil.
- Used Arduino, basic circuitry, and serial port communication via NodeJS to convert paper into input device.

DELTA MAILER | September 2015 - December 2015
https://github.com/thakkarparth007/mailer
- A command line utility to send transaction mails to large number of people.

AWARDS

2016	2nd	InOut Hackathon, NIT Surat
2016	3rd	Code-O-Soccer, Kshitij, IIT Kharagpur
2016	2nd	Onsite Programming Challenge, Vortex
2016	3rd	Three's a Crowd, Pragyan, NIT Trichy
2016	Best Business Model	Ventura, E-Summit '16, NITT
2015	Top 10	Ingenius Hackathon

EXTRA CURRICULARS

Delta Force	The premier Computing Club of NIT Trichy
Aaveg	Core Member of Aaveg 2016, first year cultural festival
Bits N Bytes	Author at CSE Newsletter-cum-Magazine
Pragyan WebOps	Team that handles web operations for Pragyan, NIT Trichy
Technical Council	Pragyan, NIT Trichy