Arut Selvan Dhanasekaran

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EDUCATION

NIT TRICHY
B.Tech in Electronics and Communication
Minor in Computer Science
Expected May 2019 | Trichy, IN

JAWAHAR HSS
Grad. May 2015 | Neyveli, IN

LINKS

Github:// **arutselvan**
LinkedIn:// **arutselvan**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Operating Systems
Networks and Protocols
Computer Organization
Digital Speech Processing
Database Management Systems

INDEPEDENT
Introduction to NLP
Agile fundamentals
Machine Learning

SKILLS

PROGRAMMING
Over 5000 lines:
Python • JavaScript • PHP
Over 1000 lines:
C • C++
Familiar:
Java • Shell scripting
Frameworks and tools:
NodeJS • React • Django • Laravel
Webpack • Docker
Familiar Architectures:
Microservice • REST

EXPERIENCE

JPMORGAN CHASE & CO | Software Engineering Intern
May 2018 – July 2018 | Bengaluru, IN
- Worked with the infrastructure team to provide load balancing as a microservice.

DELTA FORCE - PROGRAMMING CLUB OF NIT-T | Developer
July 2016 - present| Trichy, IN
- Responsibilities: Part of college's webteam, develop and provide services to automate college fests

PROJECTS

FESTAPI | Lead Developer
July 2016 – Present | Trichy, IN
- A RESTful service for the automation of college fests.
- Implemented QR code and RFID for management of fests

PPL | Project Manager and Lead Developer
Nov 2015 – May 2018 | Trichy, IN
- Developed a virtual cricket league simulated based on predefined algorithms.
- Backend was written using NodeJS and frontend was written using ReactJS.

SEVEN | Lead Developer
June 2017 | Chennai, IN
- A webapp to provide sentiment score of restaurants based on Zomato reviews using IBM watson API.
- Won first place in SoftwareAG Hackathan 2017.

BLOOM | Lead Developer
Nov 2018 | Singapore
- A smart solution that offers students a holistic learning experience by leveraging on mind mapping, keyword extraction and concept analysis. The system can also link students to external resources and subject experts.
- Won second place in Singapore-India Hackathon 2018

PYIMGSCRAPER | Lead Developer
Nov 2017 | Trichy, IN
- A simple image scraper that scrapes images using multithreading to optimize perfomance and provides a overall faster download time

AWARDS

2018	2nd place	Singapore-India Hackathon 2018
2017	1st place	SoftwareAG Hackathon 2017
2015	3rd place	Google Startup weekend 2015

ORGANISATIONS

2018-present	Head, Web Operations	Probe, NIT Trichy
2018-present	Admin relations and Treasurer	Deltaforce, NIT Trichy
2015-present	Member	National Service Scheme