

Lakshmanaram

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Algorithmic programmer • Software developer • Open Source Contributor

EDUCATION

NIT, TRICHY (NITT)

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING

Aug 2014 - May 2018 | Trichy, India
Cum. GPA: 8.98 / 10.0

MAHARISHI VIDYA MANDIR

Grad. 2014 | Chennai, India
Graduating Percentage: 94.2%

LINKS

Github:// [LAKSHMANARAM](#)
LinkedIn:// [LAKSHMANARAM](#)
TopCoder:// [LAKSHMANA.RAM](#)
Hackerrank:// [LAKSHMANARAM](#)
Codeforces:// [HENRY_COLEBROOKE](#)

COURSEWORK

UNDERGRADUATE

Algorithms & Data Structures
Cryptography
Multimedia systems
Database Management Systems
Operating Systems
Computer Architecture
Computer Networks
Parallel Algorithms
Compilers
Big Data Analytics
Artificial Intelligence

SKILLS

ALGORITHMIC CODING

ANDROID DEVELOPMENT

PROGRAMMING LANGUAGES

Over 5000 lines:

C++ • C • Python • Java

Over 1000 lines:

JavaScript • Octave • Shell

FAMILIAR

SQL • Git • CypherQL • UNIX •

Neo4j • Docker • Spring • AngularJS

• ExpressJS • Node.js

EXPERIENCE

BLOOMBERG L.P. | SOFTWARE DEVELOPMENT ENGINEER

August 2018 - Present | London, United Kingdom

- Part of R&D Developer Experience SRE team under Software Infrastructure.
- We focus on tooling and research to improve usability of various software frameworks including github enterprise, jenkins, code analyzer and other utilities enhancing developer's workflow.

CODE NATION | SDE INTERN

May 2016 - July 2016 | Bangalore

- Worked on enhancing & productionizing a language agnostic static code analyzer tool that detects code metrics & design patterns on the source code
- Also constructs a graphical visualization of the code base

DELTA FORCE | SOFTWARE DEVELOPER • APPLICATION DEVELOPER

Aug 2015 - July 2018 | National Institute of Technology, Tiruchirappalli

- Developed mobile applications (Android) for university related activities, student Community and technological festivals
- Problem Setter for Algorithmic contests hosted by Delta Force & Pragyan, NITT

OPEN SOURCE

INCOR PYTHON APP | [GITHUB](#) | [INCOR.READTHEDOCS.IO](#)

Authored a Python package INstant COde Runner | 550+ downloads

- Executable files are run as and when they are modified
- Uses Watchdog APIs to track changes made in the input path
- Automatically populates the newly created files with template codes

STEGANOGRAPHY MULTIMEDIA SYSTEMS PROJECT | [GITHUB](#)

An Adaptive Least Significant Bit Steganography Technique

- Uses Chaos logistic mapping & Genetic algorithm to reduce Stego distortion

PRAGYAN'16 ANDROID APP | [GITHUB](#) | [GOOGLE PLAY STORE](#)

Developed an android application for Pragyan, India's second largest Techno-management fest | 4500+ downloads & 4.8/5 rating

- Successfully aided the Participants & organizers during Pragyan by providing essential information from locally populated databases & periodic API calls

SUDOCABULARY BASH SCRIPT | [GITHUB](#) | [OMG!UBUNTU! REVIEW](#)

Core contributor in developing a terminal add-on for Linux and Mac that displays the vocabulary for a new word during every new terminal session

- Featured as one of the Weekly Trending Shell Projects on Github | 60+ stars

ACHIEVEMENTS AND AWARDS

2018	Ranked 13 / 671 teams	ACM ICPC 2018 Regionals, Chennai
2017	Ranked 8 / 250+ coders	TopCoder open India Regionals'17
2017	2/495 teams	Shaastra Online Programming Contest
2017	Indian Rank 20	Topcoder rating 1648
2016	World Rank 3/660	The Great SQLizer October, Hackerearth
2016	Expert Title	Codeforces