K A Sudharsan

Android App Developer
sudocode16@gmail.com | +91 99418 57577

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRRAPALLI
B.Tech in Computer Science and Engineering
Expected May 2020 | Trichy, India
Cum. GPA: 9.30

MAHARISHI VIDYA MANDIR SENIOR SECONDARY SCHOOL
Class XII CBSE
Grad. May 2016 | Chennai, India
Graduating Percentage: 96%

LINKS

Github:// **surajk16**
LinkedIn:// **sudocode16**

SKILLS

PROGRAMMING
Over 5000 lines:
Android • Java • C++ • C • NodeJs • MongoDB
Familiar:
Angular • MySQL • SQLite • Python • Git

GRAPHIC DESIGNING
Photoshop• Illustrator • Lightroom

COURSEWORK

UNDERGRADUATE
Data Structures
C/C++
Combinatorics and Graph Theory
Discrete Structures
Computer Organization

EXPERIENCE

FOLLOWCLASS | Intern | Mean Stack Developer
Nov 2017 - Dec 2017 | Bangalore
- Developed an automatic feedback survey system - generation of questions, collection of feedback and showing reports.
- Developed a rating system for students.

DELTA FORCE CLUB | Android App Developer
July 2017 – Present | National Institute of Technology, Trichy

- As a member of Delta, built Android apps for the various fests of NIT, Trichy.
- Responsible for maintaining the college website.

PROJECTS

TOUCH IT | May 2017
Arcade game in Android | https://github.com/surajk16/Touch-It
- A time killing game in which a ball moves randomly on the screen and the user has to touch it precisely. If the player does it correctly, the ball size reduces and it's speed increases, else the player loses a life.
- Has 3 game modes - Classic, Arcade and Zen.
- Made with Android Canvas.

PHONETECTION | August 2017
Utility app in Android | https://github.com/surajk16/Phonetection
- An app that detects a car crash by itself and sends the location and personal details of the person to the nearest hospital and police station and also to the emergency contact.
- Uses GPS and gyroscope sensors to detect a crash.
- Has a separate dashboard for hospitals and police stations.
- Made during InOut Hackathon.

FESTEMBER ANDROID APP | September 2017
Android app for Festember, Cultural Fest of NIT, Trichy
- Built the game Pass Through
- Built the module for Scorecard, maintaining the scores of different games and also overall scorecard of the fest.
- Designed the app icons.

ACHIEVEMENTS

Year	Rank	Event
2018	Finalist/250 teams	**Shaastra** Online Programming Contest, IIT Madras
2018	Finalist/250 teams	Reverse Coding, **Shaastra** , IIT Madras
2017	top 200/4500	**InOut** India's largest student based Hackathon, NIT Surat
2017	Finalists/200 teams	Reverse Coding, **Shaastra** , IIT Madras
2016	1st place/20 teams	Hunt the Code, **Pragyan** , NIT Trichy
2016	National	**Kishore Vaigyanik Protsahan Yojana** (KVPY) Fellowship Award
2013	State Rank 4	13th **National Cyber Olympiad** 2nd round
2013	All India Rank 8	**AMTI** 2nd round