

# DEERAJ ESVAR R

Roll Number: 110117026

B.Tech – Instrumentation and Control  
Engineering

National Institute of Technology  
Tiruchirappalli, India

Gender: Male

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## Educational Qualification:

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2017-Present	B.Tech- Instrumentation and Control Engineering	NIT, TRICHY	9.22
2017	Class XII	KAMALA NIKETAN SCHOOL, CBSE, TRICHY	95.4%
2015	Class X	MONTFORT SCHOOL, CBSE. TRICHY	10

## Academic Achievements:

- **4<sup>th</sup> place** at **Shaastra CTF 2019**, a Cybersecurity capture the flag contest held by IIT Madras
- **10<sup>th</sup> place** at **InCTF 2018**, a national level Cybersecurity capture the flag contest hosted by Amrita University, Amritapuri. Preliminary Round : Top 30 out of 500 teams all over India.
- **Finalist** of Smart India Hackathon 2020, under CAPT Bhopal Organization.

## Internship Experience:

- **Morgan Stanley – Software Developer:** *May 2020 - July 2020*
  - Helped the team become Cloud Ready by adopting Containerized code and integrating DevOps via CI/CD.
  - Achieved 12 factor app compliance by containerizing code through Docker and enabled OIDC based authentication for the microservices.
  - Developed a Proof Of Concept application that serves as a template for the Team in their future.
  - Skills and Technologies: SpringBoot, Java, Docker, OIDC 2.0, CI/CD.
- **Google Summer of Code 2019 (GSoC19):** *May 2019 - Aug 2019*
  - Worked for the Organization Processing Foundation, in developing their flagship product Processing – Android.
  - Worked on enhancement of Android Build System and providing an efficient Android SDK installer, and an Updater.
  - Improved the emulator system by allowing user customization and features that allow multiple instances of the emulator to run.
  - Skills and Technologies: Java, Java Swing, Android, Build Systems.

## Technical Skills:

- Programming Languages : C, C++, Java, Python, JavaScript, Bash
- Frameworks : Node, React, SpringBoot
- OS and Tools : Apache, Docker, Git, Postfix, Linux Services, Linux, Jenkins
- Others : CSS, Mongo, MySQL

## Positions of Responsibility:

- **Manager, Pragyan Premiere League:** *Dec 2019 - March 2020*
  - An online Strategy Cricket Game where users create, buy, manage their own dream Team and compete with others on the leaderboard.
  - Worked on both Frontend and Backend which were built on Golang and ReactJS respectively. Managed a team of 9 Members.
  - Technologies Used : React JS, Golang
- **Developer and System Admin, Pragyan CTF 2019:** *March 2019*
  - An international Capture the flag event conducted by a team of 6.
  - Worked on Forensic and Web questions, and also helped in assessing other categories.
  - Worked on hosting the event on a secure server, hosting various services and a Flask website which serves as the event portal.
  - Technologies used : Network/Memory/Media Forensics, Flask, Apache, Docker
- **Core Member and Developer at Delta Force NIT Trichy** *Aug 2018 – Present*
  - Member of the programming club of NIT Trichy.
  - Worked on managing servers, writing virtual hosts, setting up mail servers, developing web and app applications for various fests along with a team .
- **Overall Coordinator, Sensors'20** *May 2020 – Present*
- **Organizing Committee Head, Aaveg 2019** *Aug 2018 – Feb 2019*
  - Lead a team of 70 individuals towards the successful completion of an inter hostel cultural festival.
- **Manager, Festember Events Team** *May 2017 – Present*

## Extracurricular / Cocurricular Activities:

**Personal/Other Projects:** **DeployD** (Deploy to servers, integrated with containers and microservice architecture), **GitC** (A Github CLI), **Rembook** (A digital Slambook), **RRFF** (Website for filmFestival)

### Cultural Activities:

- **1<sup>st</sup> Place**, in Adapt Tune, Solo Dance at Aaveg 2018.
- **1<sup>st</sup> Place**, in Choreo Nite, at Aaveg 2018.
- **3<sup>rd</sup> Place**, in Channel Surf, at Aaveg 2018.