

# Chejarla Santosh Kumar

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## Profile

A young self-initiated, committed and focused Cybersecurity enthusiast with hands-on experience in the fields of Cybersecurity, Cloud Computing and Blockchain with sheer will towards exploring different domains and gaining new knowledge.

## Education

- 2017–2021 **B.Tech**, *Amrita Vishwa Vidyapeetham*, Kollam, *CGPA : 9.26*.  
Computer Science & Engineering
- 2015–2017 **Intermediate**, *Sri Chaitanya*, Guntur, *97.3%*.  
Maths, Physics & Chemistry
- 2014–2015 **10th Grade**, *Dr.K.K.R's Gowtham Concept School*, Guntur, *GPA : 9.5*.

## Projects

- December 2019 - Present **Bheeshma**, *Decentralized Storage Network*, Amrita Vishwa Vidyapeetham.  
Bheeshma will be the first decentralized cloud storage network in India, where users will have complete ownership of their data. The project will be running on top of ethereum blockchain.
- October 2019 **Varuna**, *ML Model For Rain Prediction*, Amrita Vishwa Vidyapeetham.  
Developed an Xgboost model for Rain prediction, trained on a dataset from kaggle.  
Link : <https://github.com/chsantoshkumar211/varuna>
- July 2019 **SHAP On Phishing Detection**, *Xgboost Model*, Mentored by Dr.Yisroel Mirsky, Israele.  
Applying SHAP on Xgboost trained model to get top features that effect the model output.  
Link : <https://github.com/chsantoshkumar211/pd-shap-analysis>
- June 2019 – Present **arr\_op**, *Python Library*.  
A simple Python library useful to do handy operation on 1D Lists in Python.  
Link : [https://github.com/chsantoshkumar211/arr\\_op](https://github.com/chsantoshkumar211/arr_op)
- Oct – Dec 2018 **CSE-B Asst.**, *Telegram Bot*.  
A simple Telegram Bot that assists my classmates in their academics.  
Link : <https://github.com/chsantoshkumar211/CSE-B-Asst>.

## Learning Experience

- July – August 2019 **Ben-Gurion University**, *Ben-Gurion University of the Negev*, Israele, Research Student.  
Selected to attend Summer School on Data Mining and Business Intelligence for Cybersecurity at Ben-Gurion University of the Negev, Israel.

### CTFs

- 2017–2018 **Member Of Team bi0s**, *CTF Team*, Amrita University, Amritapuri.  
Team bi0s ranked number-1 CTF team across India for the past 4 years as per ctftime.org. Main focus on Web Exploitation.
- 2018 **InCTF**, *Challenge Developer and Organizer*.  
National CTF, conducted along with Team bi0s. Created web challenges and was the part of the hosting team.
- 2018 **InCTFj**, *Challenge Developer and Organizer*.  
InCTF Junior is the first school CTF exclusively for Indian school students, conducted along with Team bi0s.
- 2018 **Bsides CTF Delhi**, *Challenge Developer and Organizer*.  
BSides Delhi CTF was sponsored by HackerOne and was hosted by Team bi0s, as a part of the conference held in Delhi on 26th October 2018.

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## Achievements

- Feb 2020 **Champions of Vidyut on-site CTF**, *as part of team newbies101, Online CTF.*  
Vidyut CTF is an online jeopardy CTF conducted by Amrita Vishwa Vidyapeetam.
- Dec 2019 **Google Associate Cloud Engineer**, *Examination.*  
The Associate Cloud Engineer exam assesses ability of Engineers to work and deploy Cloud based solutions on Google Cloud Platform.
- Mar 2019 **Champions of Vidyut on-site CTF**, *as part of team newbies101, Online CTF.*  
Vidyut CTF is an online jeopardy CTF conducted by Amrita Vishwa Vidyapeetam.
- Oct 2018 **Champions of the on-site Hack.lu CTF**, *as part of team bi0s, Online CTF.*  
Conducted by FluxFingers team as part of HackLu Conference at Ruhr-Universität Bochum, Germany.
- Sept 2018 **Runners up from India Region in CSAW CTF**, *as part of team bi0s, Online CTF.*  
Conducted as a part of Cyber Security Awareness Week by New York University.
- Sept 2018 **Rank 4 World wide in HackIT CTF**, *as part of team bi0s, Online CTF.*  
Conducted as a part of HackIT4.0 conference, Kyiv, Ukraine.
- July 2018 **Rank 3 World wide in ISITDTU CTF**, *as part of team bi0s, Online CTF.*  
ISITDTU CTF 2018 is geared more towards university and high school students organized by Duytan University.

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## Interests

- Technical Web Exploitation, Cloud Computing, Blockchain.  
Non - Concepts of Physics, Travelling.  
Technical

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## Technical skills

- Languages Python, C, C++, HTML, Shell Scripting, PHP, MySql.  
Operating System Windows, GNU/Linux.  
Misc. Google Cloud Platform, AWS, Cinema4d, Camtasia, Premier pro, Photoshop.

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## Social Outreach

- June 2019 **Nayi Soch**, *MPUP School, Kondaveedu*, volunteer.  
Developed a Website to collect donations for a government school located in a village in Andhra Pradesh.
- April 2018 **bi0s Meetup**, *Kochi*, Member of organising team.  
Conducted a Cybersecurity awareness meetup in Kochi, Kerala.

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## Spoken Languages

- English Capable to Read, Write and Speak.  
Telugu Capable to Read, Write and Speak.  
Hindi Read and Write - Low proficiency.  
German Read and Write - Low proficiency.