

Tom Sabu

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Education

- 2019 – Pre **M.Tech**, *Computer Science & Engineering, IIT Hyderabad, India CGPA 9.0.*
- 2012 – 2016 **B.Tech**, *Department of Computer Science, Cochin University of Science & Technology, Kochi, CGPA 8.88.*
- 2012 **Intermediate**, *St. John's School, D.L.W., Varanasi, 94.1%.*
- 2010 **Matriculation**, *St. John's School, D.L.W., Varanasi, 92.1%.*

Experience

- 2016 – 2018 Worked as **Software Consultant** for **Unisys India**.
- Developed a Windows application for the client to enhance the record retrieval process using .Net framework.
 - Automated the storage of backup, recovery and log files using PowerShell.
 - Provided Application Support for the resolution of application and system issues.

Course Projects

- Monsoon **GDriveFS: Mounting Google Drive as a Filesystem using FUSE**
- 2019 ○ Developed A user-space Python application that links against fusepy and maps the appropriate kernel calls to HTTP requests to Google Drive API and vice-versa.
- **Technologies used:** Python
- Monsoon **P2P File Sharing System**
- 2019 ○ Made use of Socket Programming and Multi-threading to build a file sharing system which allows a user to download files from its peers after checking its status using a tracker which keeps a tab on the status of a peer along with the metadata of the files which a peer is willing to share.
- **Technologies used:** C++.
- Monsoon **TomShell: POSIX compatible Mini shell**
- 2019 ○ Implemented a subset of features of Linux Shell including basic shell operations such as directory operations, pipe and redirection. An history approach to keep track of the previously executed commands was also incorporated.
- **Technologies used:** C++

Technical Skills

Programming C++, PYTHON, C, SQL