



GAURAV H MANMODE

Roll No : 23MAC2R08
Mathematics and Scientific Computing
National Institute of Technology, Warangal

NIT Warangal
+91 9370265813
gh23mac2r08@student.nitw.ac.in
[gauravmanmode.github.io](https://github.com/gauravmanmode)
www.linkedin.com/in/gaurav-manmode-45a2b8166

ACADEMIC QUALIFICATIONS

National Institute of Technology, Warangal <i>M.Sc in Mathematics and Scientific Computing</i> CGPA: 7.50	Warangal, Telangana 2023-25
Fergusson College, Pune <i>B.Sc in Mathematics</i>	Pune, Maharashtra 2022
Jawahar Navodaya Vidyalaya Higher Secondary – CBSE Score: 91.4 %	Wardha, Maharashtra 2018
Jawahar Navodaya Vidyalaya Secondary – CBSE Score: 94.6 %	Wardha, Maharashtra 2016

PERSONAL PROJECTS

- Compiled custom kernel for Moto G4 and Samsung A50 from source code with HID and CDROM support using available kernel patches. [kernel9610](#)
Tools and Technologies used : cmake, git, gcc
- Created a personal website and hosted using github pages
- USB HID with Raspberry PI [rpico](#)
- Hosted a OpenVPN and Media server for the college network to bypass firewall and filter ads
Tools and Technologies used : AWS EC2, OpenVPN Server

TECHNICAL SKILLS

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|-------------------------|------------------------------|
| • Programming languages | C/C++, Python, Java |
| • Software frameworks | Visual Studio, IntelliJ Idea |
| • Tools | Vim, Sublime text |
| • Cloud frameworks | GCP Compute, AWS Compute |

RELEVANT COURSES UNDERTAKEN/ONGOING

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|---|---------------------------|
| • Design and Analysis of Algorithms | • Linear Algebra |
| • Numerical Analysis | • Optimization Techniques |
| • Object Oriented Programming with C ++ | |
| • Java Programming | |

EXTRA CURRICULAR ACTIVITIES

- Cleared the JLPT (Japanese Language Proficiency Test) N1 (July 2020) and acquired JLPT N1 certification.
- Participated and achieved second rank in the National level Mathematics Exhibition at Gandhinagar.