

MEHER GAYATRI DEVI TIWARI



"I seek a challenging job where I can persistently acquire skills, flourish, and expertise in the fusion of cyber security and prompt engineering, blending academic wisdom with hands-on prowess to fortify digital frontiers, and champion organizational resilience."

CONTACT

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LANGUAGES

- English
- Hindi
- Tamil
- Telugu
- Japanese(Basic)
- French(Basic)



EXPERIENCES



Woxsen University (India) - Educational Institution
Assistant Professor | July'24 - Present

Facilitating students in Information Technology, Cyber Security and Research



Vellore Institute of Technology (India) - Educational Institution
Assistant Professor Junior (Fellowship) | Sept'20 - Present

Influenced students in Information Technology, Cyber Security and Research



Omics International (India) - Conferences and Journals
Program Manager | Feb'18 - May'18

Generated \$50K revenue in 3 months | SEO, Digital Marketing



UNI-Q Technologies (India) - Educational Institution
Intern | Oct'17 - Dec'17

Leveraged Web Development and Animation Technology



HCL Technologies (India) - MNC
Intern | Nov'16 - Jan'17

Designed online portals and pages for customers



PIL Kenya private Limited (Kenya) - Shipping Company
Intern | Apr'15 - May'15

Learned about the backend and Frontend of the company



LaughGuru (Remote) - Edu-Tech
Intern | Feb'15 - Apr'15

Managed sales and marketing with top notch techniques, 2% growth



EDUCATION

- Ph.D. INFORMATION SECURITY (Present)**
Vellore Institute of Technology, India
- M. TECH - INFORMATION SECURITY | CGPA: 8.26 / 10**
Vellore Institute of Technology, India
- B. TECH - INFORMATION TECHNOLOGY | CGPA: 8.32 / 10**
SRM Institute of Science & Technology, India



WORK ABILITIES & INTERESTS

- Cryptography and Cyber Security
- Company Growth Optimization
- Information Security Audit and Assurance
- Malware Analysis, Blockchain and Network Security
- Visual Cryptography, Research Analysis, Literature Survey
- SEO, Digital Marketing, Data Analytics, Information Technology



SKILLS & TOOLS



CYBER SECURITY

• Wireshark
• Cisco Pkt Tracer
• SOC
• SIEM
• Fortinet
• Docker



BLOCKCHAIN

• Ethereum
• Solidity
• Ganache
• Hyperledger
• Metamask
• Smart Contracts



PROMPT ENGINEERING

• ChatGPT 4
• Midjourney
• BetterScan.io
• Gamma
• Debugcode
• 50+ AI Tools



DESIGNING

• Canva
• HTML
• CSS
• draw.io
• LucidChart
• Adobe Illustrator



RESEARCH

• Power BI
• Tableau
• Mendley
• LaTeX
• Ms Clarity
• Google Analytics



COMPUTER SKILLS

• Digital Marketing
• MS Office
• MYSQL
• Python
• Simulink

PROJECTS



- **Secure Online Voting Using Blockchain and Visual Cryptography**
Blockchain, Visual Cryptography | 2021
- **Secure Online Voting Using Visual Cryptography**
Visual Cryptography, Web Designing | 2020
- **An evasion of structural methods for malicious PDF file detection**
RSA, String Detection | 2019
- **An identity based access control and mutual authentication framework for distributed cloud computing services in IoT environment using smart cards**
Cloud Computing, IoT | 2018
- **Traffic Density Detection using mobile alert system**
Image processing and Python | 2018
- **Organized & Accessible Studies with Innovation & Skills (OASIS)**
Web Development, SharePoint | 2017

RESEARCH PAPERS



- Tiwari, M.G.D. and Kumar, K.A., **2023**. Decentralization System Using Smart Blockchain with Secure Hash. SN Computer Science, 4(5), p.620.
- TIWARI, M.G.D. and KAKELLI, A.K., **2021**. Secure Online Voting System Using Visual Cryptography. Walailak Journal of Science and Technology (WJST), 18(15), pp.8972-14.
- International Journal of Advanced Research. 8. 543-552. 10.21474/IJAR01/10328 (**2020**). "Secure Online Voting Using Visual Cryptography: A Comparative Analysis.
- Journal of Network Communications and Emerging Technologies (JNCET) www.jncet.org Volume 8, Issue 4, April(**2018**) " Traffic Density Detection using Mobile Alert System."

CO-CURRICULAR ACHIEVEMENTS



- SET Project - Vellore Institute of Technology (2019-2020)
- SET Project - Vellore Institute of Technology (2018-2019)
- VP Marketing - Tech Club, SRM University (2016-2017)
- Member - Tech Club, SRM University (2015-2016)
- Member - ERUDITE'16 (2015-2016)
- 25+ college level recognitions for project display, quizzes, tech events

EXTRA CURRICULAR ACHIEVEMENTS



- Committee member for Indian Youth Conclave, Chennai 2016
- Second Position In Carroms, STRINGZ Cultural Fest (SRM University) 2016
- Second Position In Carroms, STRINGZ Cultural Fest (SRM University) 2015

VOLUNTEERING EXPERIENCES



- Blue Cross of India, Chennai (2017)
- WALK FOR WATER, Chennai (2017)