

# PREETISH MADHU

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## SUMMARY

As a dedicated and proactive individual with hands-on experience, seeking to leverage my skills and knowledge in a full-time role within a dynamic organization. Have practical insights into SOC, honed my problem-solving abilities, and developed strong Skills in Cyber Security tools.

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## WORK EXPERIENCE

**SOC Analyst, GMR Delhi** **Feb 2024 - June 2024**

- Worked as a Analyst in SOC (Security Operations Centre) under GRAMAX, Cyber Security department,GMR.
  - Hands-on experience in Endpoint alert monitoring and Firewall Traffic management.
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## EDUCATION

**Masters Engineering in Cyber Security Systems & Networks** **Aug 2024 - Present**

Amrita Vishwa Vidyapeetham, Amritapuri, Kerala

**Bachelor of Science in Civil Engineering** **June 2020 - April 2024**

Godavari Institute of Engineering and Technology, Rajahmundry, Andhra Pradesh

**Intermediate(XII)** **June 2018 - May 2020**

Tirumala Junior Kalasala, Kateru, Andhra Pradesh

**10th Std** **July 2017 - April 2018**

Oakwood The Rajahmundry School, Rajahmundry, Andhra Pradesh

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## CERTIFICATIONS

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| • AWS Certified Cloud Practitioner | <b>27 July 2023</b> |
| • Seceon SIEM Certification        | <b>22 May 2024</b>  |
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## CERTIFICATES

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| • MTA - Security Fundamentals            | <b>22 June 2022</b> |
| • AWS Cloud Computing                    | <b>05 Nov 2022</b>  |
| • Business Model Creation - UC, Berkeley | <b>17 Dec 2022</b>  |
| • AICTE UHV - Universal Human Values     | <b>27 May 2023</b>  |
| • Cisco Introduction to Cybersecurity    | <b>04 July 2023</b> |
| • Cisco Cybersecurity Essentials         | <b>06 July 2023</b> |

## PROJECTS

- A Comprehensive approach to detect SQL injection attacks using enhanced SNORT rules
  - Business Model Creation, University Of California(Berkeley)
  - Static website deployment using S3 Bucket during AWS internship
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## RESEARCH

- Worked on UAVs(Unmanned Ariel Vehicles), attacks and countermeasures and UAV Swarms
  - Present work on simulation of UAV attacks and mitigations for IoT Security
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## WORKSHOPS

ACM ROCS (Research Opportunities in Computer Science) workshop at Amrita University, Amritapuri	19 October 2024
The Security in Computing & Communication workshop at Amrita University, Coimbatore	24-26 October 2024

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## ACHIEVEMENTS

Grand Finalists in Smart India Hackathon, held at Kharagpur, West Bengal	11-12 December 2024
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## ADDITIONAL INFORMATION

- **Technical Skills:** Alert and Firewall Management, Python
- **Cybersecurity Tools:** SIEM, EDR, Prophaze WAF
- **Other Tools:** AWS console, SEED, Kali, Omnet++
- **Inter Personal Skills:** Leadership Qualities, Team Player, Smart Worker, Adaptive Mindset
- **Hobbies:** Palestrato, Call Of Duty: Mobile Gamer, Traveling, Photography and Video-making, Cinephile, Cardistry
- **Role of responsibility:** Class Representative for 4 years, NSS - National Service Scheme Volunteer for 2 years
- **Languages:** English, Hindi, Telugu, Malayalam