

GUNAL A

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EDUCATION

Paavai engineering college

Bachelor's, Electronics and communication engineering

August 2019 - May 2023

GPA: 7.72

Certifications: web application penetration testing (Udemy), web development beginner to advanced (Udemy), python basics (Hacker rank), Linux fundamentals (HTB Academy)

PROFESSIONAL EXPERIENCE

Ededin Solutions

junior web pentester

Remote

January 2022 - January 2023

- Enhancing the security of the web application by
 - Monitoring the log request
 - Implementing security measures (through Honeypots & firewalls)
 - Providing Bug reports and giving solutions to resolve bugs

PROJECTS & OUTSIDE EXPERIENCE

UG final year project

March 2023 - April 2023

- Project team lead
- Smart Home Automation

Web App

June 2023 - July 2023

- To-do list app with a Generative AI (Created using - React.js, TypeScript, NEXT.js)

Conference

Presented a paper on Artificial Intelligence and IoT at an International Conference

6th January 2023

- **Location:** BIT Institute of Technology, Erode, Tamilnadu -India.
- **Presentation Title:** Smart Home Automation using Machine Learning
- **Summary:** A smart Home Automation with Machine Learning feature for efficient energy management.

Publications

Published at May 2023

Smart Home Appliance and Control System using Machine Learning

- Journal of Emerging Technologies and Innovative Research (JETIR)
- Volume 10, Issue 5
- ISSN-2349-5162
- Published: May 2023

TECHNICAL SKILLS & INTERESTS

Skills: Computer Networking, Figma, JavaScript, Adobe Illustrator, Git, HTML&CSS, Linux, C++, React.js, Python, Ms-Excel

Languages: Tamil (Mother tongue), English (Professional working proficiency)

Interests: Solving problems in LeetCode, Playing Chess, Solving HTB machines, Reading articles about new technology updates

LEADERSHIP EXPERIENCE

Cybersecurity Club Lead at Paavai Engineering College

- Organized and led a Cybersecurity Boot Camp through Google Developers Student Club, fostering hands-on learning and collaboration among members.
- Developed and executed strategic initiatives to enhance cybersecurity awareness within the club.
- Facilitated workshops, guest lectures and collaborative projects to promote skill development and knowledge sharing among club members.