

# Prabhanjana K

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## Summary

AI ML graduate with hands-on experience in machine learning projects, web development, and cloud platforms. Trained in networking and cybersecurity through Cisco and Honeywell programs, with exposure to troubleshooting, scripting, and system setup across Linux, Windows, and Mac environments. Skilled in Python, Bash, and cloud services, with experience supporting clients through freelance development projects and technical documentation.

## Career Objective

Aspiring Engineer with a background in AI ML and training in networking and cybersecurity. Bringing hands-on exposure from internships in AI development and client-facing web projects, along with practical skills in troubleshooting, scripting, and documentation. Motivated to grow in technical support by contributing to reliable hardware/software integration and cloud-based systems, with a strong interest in supporting innovative platforms.

## Technical Skills

- Networking: TCP/IP, DNS, DHCP, M2M Communication
- OS Support: Linux, Windows, Mac
- Languages: Python, Bash, PowerShell, Java, C/C++
- Support Skills: Troubleshooting, Documentation, Knowledge Articles, Log Analysis, Test Plans & Cases
- Security Skills: Wireshark, Burp Suite, Network Threat Analysis
- Cloud: Oracle Cloud, AWS (basics), Cloud Platforms
- CRM/Tools: Jira, Git

## Industrial Training

1. Honeywell Cyber Security Youth Empowerment CSR Training Program  
(Mentor: Mr. Gopal Sonkavade)

26th Aug – 13th Sep 2024  
Honeywell
- Gained hands-on exposure to cybersecurity and networking concepts, including network threat analysis, intrusion detection, and secure network simulation using Cisco Packet Tracer.
  - Applied practical skills in troubleshooting network configurations and strengthening system security.
2. Artificial Intelligence & Machine Learning Coders Training  
(Mentor: Mr. Amit Arun Chimmalgi)

16th Aug – 26th Aug 2023  
ResoluteAI
- Worked on data cleaning, visualization, and development of computer vision models (YOLOv5).
  - Gained understanding of the basics of neural networks and their applications.

## Work Experience

1. ResoluteAI Softwares  
(Remote - AI/ML Research Intern)

Aug 2024 – May 2025  
Bengaluru, Karnataka, India
- Developed ML pipelines and assisted in debugging integration issues during deployment.
  - Worked with academic-industry teams to resolve software compatibility and environment setup challenges.
2. PerigoAI  
(On Site - AI Engineer Intern)

Feb 2025 - Sept 2025  
Mysuru, Karnataka, India
- Worked closely with engineers to troubleshoot and optimize GPU workloads and cloud servers.
  - Provided support for deployment issues including API errors, integration failures, and real-time debugging.
  - Authored documentation and guided internal team on log monitoring and error resolution.
3. Lakshya Webworks  
(Web Developer - Freelancer)

Feb 2025 – Present  
Mysuru, Karnataka, India
- Provided client-facing support for web applications, resolving bug fixes, integrations, and database issues.
  - Authored support documentation to help clients manage Supabase authentication and workflows.

## Projects

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### 1. [Child Healthcare Monitoring System](#)

(Guide: Dr. Likewin Thomas)

**Apr 2023**

PESITM - Shivamogga

- Developed Android app with focus on **troubleshooting sync issues**, accurate health data logging, and data privacy.

### 2. [Diabetic Macular Edema Detection](#)

(Guide: Mr. Kumaraswamy G )

**Oct – Nov 2023**

Sankara Eye Hospital - Shivamogga

- Optimized hardware (GPU) for OCT scan classification while ensuring secure data handling.

### 3. [Right Brothers – AI-powered Legal Assistance Tool](#)

(Guide: Dr. Likewin Thomas, Mr. Sandeep Telkar)

**Dec 2023**

PESITM - Shivamogga

- Built robust pipelines with attention to error handling, input validation, and secure integration.

### 4. [Realtime Fuel Saving Tips for Vehicle Drivers](#)

(Guide: Dr. Likewin Thomas)

**Jun 2024**

BIET - Davangere

- Integrated GPS and IoT sensors with focus on **data integrity**, error handling, and real-time troubleshooting.

### 5. [OPinion – Decentralized Peer Review Platform](#)

(Guide: Self-initiated)

**Dec 2024**

TONx Society India

- Designed blockchain-based platform ensuring **tamper-proof data** and reliable user support.

## Certifications

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- [Cisco Cybersecurity Specialist \(CCS\)](#) – Cisco Networking Academy
- [Cybersecurity and Networking Expert](#) – ICT Honeywell
- [Oracle Cloud Infrastructure 2024 Certified Professional](#) – Oracle University
- [Introduction to Generative AI](#) – Google Cloud Skills Boost
- [Version Control with Git](#) – Coursera
- [Crash Course on Python](#) – Coursera

## Positions of Responsibility

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- Student Chair – [IEEE Student Branch PESITM](#)
- Core Member – [Google Developer Student Club PESITM](#)
- College Head – [Bureau of Indian Standards PESITM](#)
- Tech Lead – [Geeks for Geeks PESITM](#)
- Cybersecurity Initiatives Lead – Conducted [OWASP Top 10](#) awareness and troubleshooting workshops

## Soft Skills

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- Customer Communication, Documentation, Problem Solving, Collaboration, Accountability
- Troubleshooting, Knowledge Sharing, Adaptability, Conflict Management

## Hobbies and Interests

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- Wildlife Photography, Radio Scriptwriting, Public Speaking, Travelling, Tech Blogging, Kannada Literature
- CTF Challenges, Technical Support Labs, Cloud Experiments

## References

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- **Dr. Likewin Thomas**, HOD, Dept. of AIML, PESITM Shivamogga  
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- **Srinivas R R**, CTO, PerigoAI, Mysore  
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