

# Balaji Balamurugan

## Network Engineer

Providing technical assistance and troubleshooting for various IT issues, such as network configuration, server administration, and security monitoring. Additionally, collaborating with the security and networking team to implement and maintain IT policies and procedures, ensuring compliance and best practices. Pursuing a Bachelor of Technology in Cyber Security from Bharat University, learning the fundamentals and applications of cybersecurity, possessing skills such as penetration testing, encryption, malware analysis, and digital forensics. Obtained multiple certifications in cybersecurity, SQL databases, and Python from Hacker Rank and various other organizations, demonstrating proficiency and interest in these domains. Enjoying learning new things every day and exploring different aspects of technology, especially pen testing and programming. The goal is to become a cybersecurity developer and contribute to the protection and enhancement of IT systems and networks. An insightful Information Technology Manager with 3 years of IT leadership experience, including oversight of infrastructure, application support, and security services. Dedicated to customer satisfaction with a focused delivery of technical solutions, a proven leader in directing operations, maintenance, and support of complex systems. Developing creative business solutions, leveraging diverse methodologies, and delivering engineering solutions for leading organizations. Highly adept in request for proposal development, technology needs assessments, and staff training.



## Work History

**2023-08 -  
Current**

### GDSC Cyber Security Lead

*Google, Chennai, India*

- Implemented multi-factor authentication across systems as part of layered defense strategy to protect sensitive data from unauthorized access. Fostered culture of continuous improvement through regular employee training on latest cybersecurity trends and best practices.
- Oversaw development and implementation of improvements to support network operations.

**2023-07 -  
Current**

### Tetron Infotech

*Network And Security Engineer, Remote*

- Exercised leadership capabilities by successfully motivating and inspiring others.
- Developed strong organizational and communication skills through coursework and



## Contact

### Address

Chennai, Tamil Nadu  
600073

### Phone

8220335509

### E-mail

balajibalamurugan1@gmail.com

### LinkedIn

<https://www.linkedin.com/in/balajibalamurugan1/>

### WWW

<https://www.linkedin.com/in/balajibalamurugan1/>

### WWW

<https://www.linkedin.com/in/balajibalamurugan1/>

volunteer activities.

- Used strong analytical and problem-solving skills to develop effective solutions for challenging situations.
- Skilled at working independently and collaboratively in team environment.

2023-03 -  
2023-07

## Security and Networking

*TechSmew Innovations Pvt Ltd, Remote, IN*

- Assessed and responded to network system alerts, prioritizing serious faults to rapidly address downtimes.
- Implemented wireless solutions that increased employee mobility while maintaining secure access to corporate resources.
- Provided remote support services to clients experiencing technical issues, resolving problems quickly and efficiently without need for on-site visits.
- Enhanced network efficiency by implementing and maintaining hardware and software components.
- Organized and detail-oriented with strong work ethic.
- Assisted with day-to-day operations, working efficiently and productively with all team members.
- 

2023-03 -  
2023-07

## Linux System Administrator

*TechSmew Innovations Pvt Ltd, Coimbatore, IN*

- Migrated data from legacy system to Various databases
- Designed disaster recovery systems, enabling continuity in event of power outages
- Provided training and mentoring to junior team members, building their skills in Linux administration and fostering collaborative work environment
- Resolved complex technical issues promptly by leveraging strong troubleshooting skills and root cause analysis techniques
- Assisted in evaluation and selection of new hardware or software solutions, ensuring best fit



## Websites, Portfolios, Profiles

- [linkedin.com/in/balajibalamurugan1](https://www.linkedin.com/in/balajibalamurugan1)



## Skills

IP Addressing and Subnetting

Network security

Pfsese

Cybersecurity/OSCP

Server Administration

Linux

Hypervisor

Routing

LAN and WAN control

Network Architecture

Network Architecture

for organizational needs while maintaining a focus on cost effectiveness

- Tuned system performance to optimize efficacy of new and existing hardware components

2020-03 -  
2022-12

## Penetration Tester

*Freelance*

2020-03 -  
2022-12

## Network Engineer

*Freelance*

- Installed, supported and maintained company hardware and software infrastructure according to best practices
- Supported data center power and cooling infrastructure and consistently applied critical facility operational best practices
- Established effective communication channels with stakeholders to address their concerns about the performance of the company's networks
- Managed vendor relationships to negotiate contracts, procure equipment, and receive timely technical support when needed



## Education

---

2022-08 -  
2026-05

## Bachelor of Technology - BTech: Cyber Security

*Bharath University - Chennai*

2021-04 -  
2022-05

## Higher Education: Computer Science

*Kendriya Vidyalaya*



## Certifications

---

Cyber Security - TEACHNOOK (TEACHSCAPE ONLINE LEARNING SERVICES PRIVATE LIMITED),  
TNINTC22-684

SQL Databases - HackerRank, 620b6d02b5b0

Python - HackerRank, 295efceaf240

Certified Internet Webmaster Web Developer

Professional - Aptech, 1000001365

Aptech Certified Basic Programmer - Aptech,  
3000003328

Build and Secure Networks in Google Cloud -  
Google, 5455592

Introduction to Generative AI - Google, 5173894

Google Cloud Computing Foundations: Cloud  
Computing Fundamentals - Google, 5435230

Google Cloud Computing Foundations:  
Infrastructure in Google Cloud - Google, 5447531

Google Cloud Computing Foundations:  
Networking - Google, 5451517

Google Cloud Computing Foundations: Data, ML,  
and AI in Google Cloud - Google, 25453267

Create and Manage Cloud Resources - Google,  
5454126

Perform Foundational Infrastructure Tasks in  
Google Cloud - Google, 5454950

Perform Foundational Data, ML, and AI Tasks in  
Google Cloud - Google, 5455895

Control and organize Azure resources with Azure  
Resource Manager - Microsoft,  
C05249B4C3C3B4AB

Control Azure services with the CLI - Microsoft,  
C05249B4C3C3B4AB

Align requirements with cloud types and service  
models in Azure - Microsoft, C05249B4C3C3B4AB

Automate Azure tasks using scripts with PowerShell  
- Microsoft, C05249B4C3C3B4AB

Configure resources with Azure Resource Manager  
templates - Microsoft, C05249B4C3C3B4AB

Use Azure Resource Manager - Microsoft,  
C05249B4C3C3B4AB

Configure Azure resources with tools - Microsoft,

C05249B4C3C3B4AB

Secure your Azure resources with Azure role-based access control (Azure RBAC) - Microsoft, C05249B4C3C3B4AB

Foundations of Cybersecurity - Google, EHH4VCVA9CBS

Network Security - Cisco, XF4N5XH2CDUJ

Tools of the Trade: Linux and SQL - Google, YEELEK9MJMQ4



## Awards

---

Best Designer, Bharath University, 08/01/23, Dr. P. Kamaraj, Dean



## Languages

---

English	<div><div></div></div>	Bilingual or Proficient (C2)
Tamil	<div><div></div></div>	Bilingual or Proficient (C2)
Hindi	<div><div></div></div>	Intermediate (B1)
Malayalam	<div><div></div></div>	Intermediate (B1)