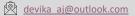


# **DEVIKA ARUN**

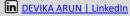
#### Senior Software Developer

Experienced Senior Software Engineer with 6+ years of expertise in a software development, I led the development of scalable, data-driven solutions focused on performance, reliability, and security. My work spanned backend architecture design, cloud integration, pipeline automation, and real-time analytics





√ Veldhoven, Netherlands





DEVIKA ARUN | Home

# **WORK EXPERIENCES**

# Senior Software Developer

#### Linkshadow

Linkshadow, the next-generation cybersecurity solution that provides unparalleled detection of even the most sophisticated threats.

02/2023- 01/2024

JLT. Dubai

# Achievements/Responsibilities:

- Led technical design and implementation of large-scale backend systems in Go, using advanced concurrency and performance optimization techniques.
- Architected and maintained CI/CD pipelines in Azure DevOps with YAML-based templates, standardizing deployments across dev, test, and production environments.
- Automated system provisioning and configuration using Ansible, increasing deployment consistency and reducing manual intervention.
- Managed cloud infrastructure across Azure, AWS, and GCP, supporting scalable deployment, monitoring, and disaster recovery.
- Developed custom ETL job pipelines integrating Azure Blob Storage and Databricks, automating data validation, job scheduling, and deployment via Python.
- Configured network security (routers, firewalls, VPNs, IPsec) and enforced secure Linux system practices.
- Enhanced an internal custom SIEM system using opensource tools, boosting threat detection and real-time analysis.
- Mentored junior developers, participated in code design reviews, and contributed to cross-team collaboration and knowledge sharing.
- Engaged in AI/ML experimentation and integrated simple AI models into automation workflows and existing systems.
- Worked with embedded Linux, creating monitoring tools and diagnostics in C and Go, and performing low-level system profiling and debugging.

# Software Developer

# Linkshadow

11/2020-01/2023

JLT, Dubai

# Achievements/Responsibilities:

- Designed and implemented scalable backend services in Go, focusing on high-performance data processing using goroutines and channels.
- Led development of modular and testable Python/Django applications, improving system flexibility and maintainability.
- Built microservices for real-time log parsing and event correlation, enhancing security monitoring speed and accuracy.

- Created internal CLI tools in Go for developer productivity and automated deployments.
- Developed dashboards and monitoring tools for both operational and security analysis.
- Automated testing and validation using Pytest, reducing bugs and increasing code quality.
- Integrated external systems (SIEM, NAC, Firewalls) using REST APIs for smooth interconnectivity.
- Created shell scripts to automate recurring tasks, system checks, and error detection routines.
- Implemented deployment pipelines and unit testing within CI/CD using Azure DevOps.
- Maintained and debugged legacy Python scripts for SQLite3 data ingestion and system resource analysis.
- Participated in code reviews, agile sprints, and collaborated across teams to meet product timelines and quality standards.
- Gained experience in virtualization with KVM/VMware and hands-on work in networking, including TCP/IP, VPNs, MPLS, and subnetting.

# Web Developer

#### Nintriva Technology Solutions

06/2017-11/2019

Kochi, Kerala, India

Achievements/Responsibilities:

- Developed responsive web interfaces using HTML, CSS, JavaScript, jQuery, and Bootstrap, enhancing cross-browser user experiences.
- Implemented and maintained back-end logic using Python and Node.js, with data storage in MongoDB and other
- Practiced secure coding techniques, with attention to session management, data privacy, and application
- Utilized Git for version control and implemented CI/CD pipelines to support frequent and stable deployments.
- Conducted unit and integration testing, contributing to software reliability and reduced post-deployment issues.
- Documented software specifications, including functional and non-functional requirements such as availability, performance, and security standards.
- Performed regular website audits for content accuracy and system functionality to ensure optimal performance.
- Led a team of 10 developers, increasing office revenue by 200% within nine months, accounting for 20% of the company's total revenue.
- Promoted within one year for outstanding performance and leadership, accelerating my career trajectory.
- Applied basic SEO principles to improve website visibility and search engine performance.

# **EDUCATION**

Bachelor of Technology (B-TECH)

LBS Institute of Technology for Women

06/2010 - 04/2015 Trivandrum, Kerala

Computer Science and Engineering

 Higher Secondary cotton Hill GHSS

06/2008 - 04/2010

Trivandrum, Kerala

BioMath

# **ACADEMIC PROJECTS AND SEMINAR**

- Mini Project on Student Management System.
- Seminar on "Human Computer Interfaces for Interaction with Surgical Tools In Robotic Surgery.
- Project on "Robust Watermarking of Compressed and Encrypted JPEG2000 Images" Image Processing.

#### PERSONAL STRENGTHS

- · Ability to be cool when working under pressure.
- Interest in learning new technologies and frameworks.
- Interpersonal skills to lead and communicate with peers.
- Coordinate other workers to achieve departmental goals.
- Maintain a positive work atmosphere by performing and communicating in a manner that promotes good relationships with customers clients' coworkers and management.
- Conduct investigations; recommend changes and upgrades to equipment.
- Ability to effectively articulate technical challenges and solutions.
- Deal well with ambiguous/undefined problems; ability to think abstractly.
- Ability to prioritize tasks and quickly adjust in a rapidly changing environment.

# **ACHIEVEMENTS AND CERTIFICATES**

ROBOAVR-Robogenesis

Workshop on autonomous robots conducted by ROBOGENESIS (2012) in association with Microsoft Robotics Developer Studio 2008 RA

 Demisto Engineer: Building the Next Generation SOC

Cortex by Palo Alto Networks

 Cortex XSOAR Analyst: Running the Next Generation SOC

Palo Alto Networks

 Hardware & Networking - LBS Institute of Technology for Women

First Class in "Computer Hardware & Networking" Course conducted by LBS Institute of Technology for Women.

Exceptional Performance Award

By Linkshadow

# **PERSONAL PROJECTS**

- E-Commerce Websites
- Shopping Cart
- Personal Website
- · Contributions to Open-Source Projects in GitHub

#### **SKILLS**

- HTML5, CSS, Bootstrap, Responsive Design Approach
- AJAX, JavaScript
- Cloud Platforms (Azure,GCP,AWS)
- Good understanding of Responsive Design
- Python, GoLang, Node.js, C, C++, Java
- Express Framework
- REST API Development, Continuous Integration
- Shell Scripting
- · Ansible (Automation, Configuration Management)
- · Version Control: Git, SVN
- MongoDB, NoSQL, SQLite3, Parquet, MySQL
- · Redis, Msg Queue (ZeroMQ)
- Knowledge of Artificial Intelligence and Machine Learning principles
- Docker
- Networking: DHCP, DNS, IPAM, Port Scan, Network Scan, Vulnerability Scan
- Cyber Security: Knowledge of internet protocols and security principles
- Experience with Linux Systems, Ubuntu, Routers, and Hardware
- System Administration: Troubleshooting, resolving system issues, communication.
- Business Development, Microsoft Office
- Data Analysis, Administration
- Invoices, Prepare Reports, Vendor Management
- Mentoring, Team Lead
- Critical thinking, innovative solutions, meeting deadlines, multitasking
- Enthusiastic, organized, confident, and excellent coordination skills.

# **PERSONAL DETAILS**

Nationality - Indian

Date of Birth: 02-09-1992

Visa Status: Resident

Marital Status: Married

# **LANGUAGES**

English

Professional Working Proficiency

Malayalam

Native or Bilingual Proficiency

Hindi

Professional Working Proficiency

Tamil

Professional Working Proficiency