DEVIKA ARUN

Software Engineer

To lead major responsibilities in the field of Software Development. I wanted to explore my technical expertise and put forth my managerial skills to the organization which will benefit the company growth in terms of cost and process efficiency.

✉ devika_aj@outlook.com 📱 +31-686306039 📍 Eindhoven, Netherlands in [DEVIKA ARUN | LinkedIn](#) 📇 [DEVIKA ARUN | Home](#)

WORK EXPERIENCES

o Software Engineer
Linkshadow

Linkshadow, the next-generation cybersecurity solution that provides unparalleled detection of even the most sophisticated threats.
11/2020- Present   *JLT, Dubai*

Achievements/Tasks

- Knowledge of relational databases such as SQL and SQL Lite; TCP/IP networking protocols; IP security domains; python , CSS, KVM, and VMware hypervisors.
- Experience in designing software solutions and conducting troubleshooting, debugging, and remedying any flaws.
- Experience in various products like SIEM,NAC,FIREWALL etc
- Good Practice in integrations with various products using REST APIs.
- Good Knowledge in AI and Machine learning.
- Developed tools for collecting and processing data
- Train or test some simple AI models
- Experience in Active Directory, AZURE, AWS, GCP.
- Good Hands-on Experience in Python, Go, Nodejs, C, C++
- Created Python scripts for task automation, continuous error detection, and system resource monitoring.
- Debugged and enhanced existing Python scripts for data importation into SQLite3.
- Configured and maintained network routers and host-based firewalls to align with Linux system security practices.
- Implemented a custom security information and event management (SIEM) system using open-source software.
- Multithreaded development - threads, coroutines, Rx, async/await, Java streams,
- Design, develop, and test scalable and modular code using Python and Django
- Implement automated testing and code-quality checks using tools such as pytest.
- Document code using docstrings and design documents
- Translate development tasks from functional specifications to technical designs
- Use Git for version control and dependency management
- Perform code-reviews and provide feedback to other developers
- Mentor junior developers and share best practices
- Work independently and in teams using agile methodologies
- Communicate effectively with Users, other technical teams and senior management to collect requirements, describe software product features, technical designs and product strategy
- Experience working on high-traffic and large-scale web products
- Knowledge of professional software engineering practices & best practices for full software development life cycle, including coding standards, code reviews, source control management, continuous deployments, testing and operations
- Took ownership and delivered high-quality software to customers on demand.
- Strong understanding of networking concepts (VPNs, subnetting, MPLS, etc.)

o Web Developer
Nintriva Technology Solutions
06/2017-11/2019   *Kochi, Kerala, India*

Achievements/Tasks

- Utilized HTML/CSS layout methods and Bootstrap, jQuery, JavaScript to create website layouts, and user-friendly interfaces and helped to resolve IT-related issues daily.
- A solid understanding of how web applications work including security, session management, and best development practices.
- Adequate knowledge of relational database systems, Object-Oriented Programming, and Web application Development.
- Basic knowledge of Search Engine Optimization process.
- Experienced in web-based programming, Node.js, Mongo-DB, No-SQL.
- Document functional and non-functional (security, availability, and performance) software specifications in alignment to the corporate guidelines and principals.
- Checked websites regularly for the functionality of elements and accuracy of the information on pages and managed a team of 10 employees. Grew office revenue by 200% in first nine months (representing 20% of company revenue)
- Continuous Integration and Deployment Systems for daily based deployments and Git.
- Managed unit and system integration testing in order to meet software quality objectives
- Promoted within 12 months due to strong performance and organizational impact (1 year ahead of schedule).

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*
  BioMaths

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.

SKILLS

- HTML:5 , Bootstrap, CSS
- Python, Nodejs, C, C++, Java
- REST API, Continuous Integration
- Artificial Intelligence, Machine Learning
- Express framework, Version control: Git and SVN
- Mongo DB, No SQL, SQLite3, Parquet
- Redis, Msg Queue (Zero MQ)
- Knowledge of cyber security and internet protocols.
- Good understanding of OOP, Ajax and software design patterns
- Networking, System Administration
- Good understanding of responsive design approach
- Business Development, Microsoft Office
- Administration, Data Analysis
- Port Scan, Network Scan
- Vulnerability Scan
- DHCP, DNS, IPAM
- Hardware, OS, Routers, Operations
- Linux Specification, Design, Ubuntu
- Troubleshooting, Communication
- Resolving Issues, Innovative, Integrity
- Critical Thinking, Meet Deadlines, Reporting
- Multitasking, Enthusiastic, Coordination
- Confidence, Organized, Databases
- Invoices, Prepare Reports, Vendors
- Mentoring
- Team Lead

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 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 in order 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

PERSONAL PROJECTS

E-Commerce Websites

Shopping Cart

Personal Website

Contributions to Open-Source Projects in GitHub

PERSONAL DETAILS

Nationality - Indian	Date of Birth: 02-09-1992
Visa Status: Resident	Marital Status: Married

LANGUAGES

English
Professional Working Proficiency

Hindi
Professional Working Proficiency

Malayalam
Native or Bilingual Proficiency

Tamil
Professional Working Proficiency