BHOOBALAN B R

Computer Science Engineer

Extensive domain knowledge as software developer- analysis, development, and management of complex software solutions. Finest expertise in script automation and ability to operate on various platforms.

- ✉ bhoobalanrajavel@gmail.com
- 🏛 bhoobalan.cs20@bitsathy.ac.in
- 📍 Tamilnadu, India
- 🐙 github.com/bhoobalan-bhoo

- 📱 +91 6369695856
- 🌀 bhoobalanbr
- in linkedin.com/in/bhoobalan-b-r
- 💼 bhoobalan-bhoo.github.io

EDUCATION

BE Computer Science and Engineering
Bannari Amman Institute of Technology

07/2020 - Present   *(*Upto 5th Sem)*   *CGPA : 9.02*

Higher Secondary School Certificare
SSM Lakshmi Ammal Matric Hr. Sec. School

06/2018 - 06/2020   *Score : 67%*

Secondary School Leaving Certificare
SSM Lakshmi Ammal Matric Hr. Sec. School

06/2017 - 06/2018   *Score : 85.4%*

WORK EXPERIENCE

Junior Software Developer (Intern)
IT Operations (BIT)

06/2022 - Present

The development team works for the institution to develop innovative student portals and other campus-wide initiatives.

- Duration : **6 Months**

Achievements/Tasks

- Script for Automation
- Refracturing Web Application for Requirement
- Dashboard Creation in Grafana

AREA OF INTEREST

Automation over Server and Applications

Bug Bounty   Problem Solving

Vulnerability Analysis and Scripting

TECHNICAL SKILLS

Web Development   C, Python   Laravel - PHP

Grafana   PostgreSQL, MySql   Docker

Working in Production Environment   AWS

Photoshop

PROJECT EXPERIENCES

Nest Pharmaceuticals Dash (Industrial Project)

- The CRM Web Application manages the sales of medicines throughout India. In detail, marketing representatives will distribute units to their branch stockists, who will then sell the units to pharmacies or hospitals. The entire process is overseen by this application. Detailed trend reports for each branch are displayed in a Grafana dashboard.

- Visit   : sales.nestpharmaceuticals.in, dashboard.nestpharmaceuticals.in
- Role   : **Backend - Developer**
- Duration   : **6 Months**
- Tech Stack : **Laravel Php, Grafana, Postgresql, Docker**

System Utilization Analyzer

- The script, written in Python, is installed on a PC and updates the status by pinging a tunneled database. Multiple visualizations are displayed in a Grafana dashboard, providing a detailed view of the active or inactive status of each PC.

- Duration : **1 Month**
- Tech Stack : **Python, Grafana, Postgresql, Docker**

CERTIFICATIONS

AWS Fundamentals In Coursera (05/2022 - 07/2022)
Much Learned about Creating VMware and API's to generate reports.

Databases and SQL for Data Science with Python
(04/2022 - 05/2022)
Trained to make analytical skills over the data given.

IBM Cybersecurity Analyst Professional
(05/2020 - 12/2020)
Trained to analyze application from Application End to Network End.

ACHIEVEMENTS

Grand Finalist in **Smart India Hackathon 2022**
(07/2022 - 09/2022)
ML Model for Sanskrit Voice Recognition.

Found Data Leak Vulnerability in Grafana (11/2022)
Reported to developers about data flowing.

LANGUAGES KNOWN

English
Professional Working Proficiency

Tamil
Native Proficiency

HOBBIES

Travel

War Gaming

Portainer Auto Script (From hub.docker.com)

- Portainer does not have a built-in feature to automatically convert YAML Docker files to JSON format and save them to a file. However, it is possible to write a script to perform this task using this program.

- Duration : **1 Month**

- Tech Stack : **Python, Github Actions**

MINI PROJECTS

Feedback Portal

- I have involved to develop a QR code scanning template using Photoshop for the **Coimbatore District Feedback System.** The objective of this project was to provide the Ministry with an easy-to-use and efficient tool for scanning QR codes. The template was designed to be visually appealing, while also being functional and easy to navigate.

- Visit   : **www.tanmaws.in**
- Role   : **Graphic Designer**
- Duration   : **2 Months**
- Tech Stack : **Photoshop**

Codebreaker's Quest: Web3 Wallet

- Python script that uses a brute force method to generate and check all possible wallet keys and sends the wallet balance through Telegram API. The script utilizes the concept of permutation to generate the wallet phrases. In case of any code break, the script incorporates the latest phrase to the permutation functionality to generate the next phrase.

- Retrieved Wallets : **5000+**
- Duration : **1 Month**

DECLARATION

- I **Bhoobalan B R** declare that all the details provided above are true to the best of my knowledge.

Bhoobalan B R