

JAYAKUMAR B

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EDUCATION

Rajalakshmi Institute of Technology

BE Computer Science and Engineering; CGPA: 7.8

Chennai, India

Oct 2021 - Present

Sri Vijay Vidhyalaiya Matric Higher Secondary School

Higher School Education- Bio-Mathematics; Grade: 93.43%

Dharmapuri, India

June 2020 - March 2021

SKILLS SUMMARY

- **Languages:** Java, Go, Python, C, SQL , Shell Scripting
 - **Frameworks:** Gin/Gonic, Gorilla Mux, TensorFlow, PyTorch, Flask, REST API
 - **Tools:** Docker, Git, GitHub , Postman API, Linux-(Debian,CentOS), Terraform, Ansible, Jenkins, MySQL
 - **Technologies:** Amazon Web Services(AWS), Microsoft Azure, Oracle Cloud Infrastructure(OCI)
 - **Soft Skills:** Problem Solving, Strong Communication, Time Management, Teamwork , Collaboration
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EXPERIENCE

PYTHON DEVELOPER INTERN | Codsoft | [LINK](#)

July 2023-Aug 2023

- Achieved Certificate of Completion by building 3 projects with GUI and packages like Tkinter, Pillow.
- Projects implemented were Calculator GUI(5 Tkinter widgets), Strong Password Generator, To-Do list(4 list management features).

INTEL UNNATI TRAINEE | Intel Corportion | [LINK](#)

May 2023-Jul 2023

- Achieved Certificate of Honor by collaborating with Intel by doing a project on Conquering Fashion MNIST using CNN(trained on 60,000+ images!).
 - Gained skills like Pattern Recognition, Machine Learning Algorithms, Artificial Intelligence(CNN architecture with 98.83% accuracy), and Python.
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PROJECTS

AWS CodePipeline Deployment | AWS EC2, AWS S3, AWS CodePipeline| [LINK](#)

Created a simple pipeline in CodePipeline. The pipeline has two stages:

- A source stage named Source, which detects changes in the versioned sample application stored in the S3 bucket and pulls those changes into the pipeline.
- A Deploy stage that deploys those changes to EC2 instances with CodeDeploy.

Intelligent Radiologist Assistant(Knee MRI) |React.js, Python, Flask,Pytorch, Docker | [LINK](#)

- Developed a deep learning model with 96.69% accuracy for analyzing knee MRI, extracting features, classifying pathology, and prioritizing high-risk patients, and built a secure web platform for doctors and patients to manage MRI data, reports, and communication.
- Orchestrated multi-container applications using Docker Compose to optimize the deployment of interconnected services.

Bookstore Management System | GoLang, MySQL, GORM, Gorilla Mux | [LINK](#)

- Developed a comprehensive bookstore management system using Go, leveraging Gorilla Mux for efficient routing and implementing CRUD operations with MySQL through GORM for robust data management.
- Implemented CRUD operations including creating, retrieving, updating, and deleting books, ensuring efficient data handling and robust system performance

Github API Integration | Shell Scripting, Git, GitHub | [LINK](#)

- Integrated GitHub API to list the users in the provided Repository
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CERTIFICATES

AWS Academy Cloud Foundations (AWS) | [CERTIFICATE](#)

April 2024

Fundamentals of Red Hat Enterprise Linux(Coursera) | [CERTIFICATE](#)

Nov 2023

Oracle Cloud Infrastructure- Architect Associate 2023 (Coursera) | [CERTIFICATE](#)

Oct 2023

Oracle Cloud Infrastructure-Foundations Associate (OCI) | [CERTIFICATE](#)

Sept 2023