Karmegam V

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🐙 https://github.com/VKARMEGAM

PROFILE

As a dedicated Software Engineer, I bring a rich tapestry of experience and a passion for innovation. My journey, from humble beginnings as a first-generation graduate to shaping young minds as an Instructor, has prepared me to excel in the dynamic world of software engineering.

EXPERIENCE

Algomox Private Limited, Bengaluru

Software Engineer

Nov 2022 - Present

Algomox pvt Ltd positions itself as high-quality value-added software company that helps enterprises accelerate their artificial intelligence for IT operations (AIOps) transformation. Algomox platform is truly innovative with patent-pending technology.

- Developed and maintained **Golang**-based backend services and APIs for Algomox's core applications, ensuring high performance and scalability.
- Collaborated with cross-functional teams, including front-end developers and product managers
- Implemented unit tests to maintain code quality and reliability. Optimized database queries and data storage.
- Resolved critical production issues promptly, minimizing downtime and ensuring a seamless user experience.

Skill development centre - (RKMPTC), Chennai

instructor

Jul 2020 - Oct 2022 (2 year 4 months)

- Experienced in ZOHO creator, ZOHO MDM, ZOHO Sites,
- Teaching and Server Administration,
- Network monitoring, IIS and Project coordination.

EDUCATION

Tamilnadu Open university, *Chennai –*
Master of Computer Applications – MCA,
Jun 2018 – May 2020

Periyar University, SVMC, Uthangarai   *Bachelor of Computer Applications – BCA*
Jun 2014 – Apr 2017

PROJECTS

- **Azure AD and On-premise AD Automation using Graph and REST APIs,**
- **Windows Patch Management tool using golang**
- **Face mask detection,**
- **Automated for PFsense firewall reporting**.

SKILLS

- ✔ **Golang** – Gin, Gorilla Mux, REST APIs, Micro services, Concurrency, Nats and Websockets. AWS and Azure.
- ✔ **Python** – Flask, REST APIS, Numpy, TK, Pandas, Matplotlib, Seaborn, version controls. automation.
- ✔ **JAVA**
- ✔ **Machine Learning** Basics,
- ✔ **SQL , Cassandra**
- ✔ **Git, Bash, Powershell.**

CERTIFICATIONS

Softlogic Academy –SLADS072020

- ✔ Machine Learning
- ✔ Python Programming

CISCO Networking Academy

Cisco Networking Academy –

CCNA R&S: [56362465]

- ✔ Introduction to Networks
- ✔ Routing and Switching
- ✔ Scaling Networks
- ✔ Connecting

HDCS from TCSD

DCA from CCS

KEY SKILLS

- ✔ Self Learning,
- ✔ Listening Skill,
- ✔ Good Communication,
- ✔ Get attached with people,
- ✔ Trustworthy & Open-minded

LANGUAGES

- ✔ English, Tamil.