Lakhan Saiteja

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EDUCATION

Texas A&M University, College Station — College Station, TX
Master of Science in Computer Science; GPA: 4/4 — *Aug 2021 - Dec 2022*

Indian Institute of Technology, Kharagpur — Kharagpur, India
Bachelor of Technology in Electronics and Communication; GPA: 8.59/10 — *Jul 2014 - Apr 2018*

EXPERIENCE

VMware — Bengaluru, India
Member of Technical Staff — *Aug 2020 - Aug 2021*

- Worked on a **Cloud Native Application** called **ClearSky** (Golang, Java), a Configuration Management System for all Network, Storage, Compute and Cloud VMware entities.
- Developed and deployed **RESTful microservices** in **Production** like *Agent Service* - for orchestrating data collection on **Kubernetes** & *Reporting Service* - for generating user tailored data reports.

Visa — Bengaluru, India
Software Engineer — *Jul 2018 - Aug 2020*

- Worked as a Backend Developer (Golang) in the area of **Distributed Systems**, with Open VisaNet team.
- **Frameworks**: Developed frameworks like *health, logging, admin, bootstrap* for the **microservices** based system.
- **Caching System**: Designed and developed a **Kubernetes** based caching system for ClearSky's Admin Console.
- Achieved **'outstanding' (5/5)** rating given only to the **top 15%** of employees, in the annual appraisals.

Samsung — Noida, India
Intern — *May 2017 – Jul 2017*

- **Stress Simulator**: Developed an **Android** application to quantify the temperature build-up and battery drain on Samsung mobiles by simulating the usage of **multi-core mobile processor**.

TECHNICAL SKILLS

- **Software:** Python, Go, PHP, Java, C/C++, Data Structures, Object-Oriented Programming, RESTful APIs, Cloud, Distributed Systems, AWS, Kubernetes, Docker, Microservices, HTML, CSS, JavaScript, React, SQL, Linux **ML/AI:** Machine Learning, Deep Learning, CNN, Pytorch

ACADEMIC PROJECTS

- **CIFAR-10 Image Classification using ResNet**: Built a **Convolutional Neural Network** using **Deep Residual Learning** architecture (ResNet) and bottleneck blocks with **91% test accuracy** on CIFAR-10 image dataset.

COURSEWORK

- Programming & Data Structures, Machine Learning, Deep Learning, Software Engineering, Operating Systems

PUBLICATIONS

- **IEEE International Conference on Consumer Electronics,** *Las Vegas 2019:* Published a paper titled, PlayNPort: Portable Wireless Music Player and Text Reader System

ACHIEVEMENTS

- **99.9 percentile** score with **All India Rank** of **306** in JEE Mains and **691** in JEE Advanced 2014.
- Received **'Go Beyond'** (award given for exceptional performance), from Director and Chief Architect of OVN, Visa.

VOLUNTEER EXPERIENCE

- **Mentored** an Intern at Visa in Summer 2019. Drafted project goals and guided the Intern towards achieving them.
- **Volunteered** for Corporate Social Responsibility activities of Visa and National Service Scheme of IIT Kharagpur.