

Kenneth Rithvik

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Career Summary

Currently pursuing a master's degree on **Knowledge Engineering** and **data mining** techniques at **NUS** and seeking **internships/part-time** opportunities. Knowledge of **machine learning** techniques, algorithms and frameworks. Two and half years of working experience as a **cloud, dev-ops** and **full-stack web** application developer.

Technical Skills

- **Machine Learning** techniques using python libraries like **sci-kit learn, numpy, pandas**, etc.
- Neural Network frameworks - **Tensorflow, Keras**, etc.
- Data science languages - **python, R** and their libraries.
- Deployment of highly scalable infrastructure on the **cloud(AWS)** using automated and version controllable scripts(**Terraform**).
- **Data visualization** technologies like **D3JS**.
- **Full-stack web development** using **javascript** and **nodejs** framework
- NoSQL and SQL databases - **MongoDB, MySQL**.
- Container runtimes- **Docker** and orchestration tools- **Kubernetes, ECS**.
- Dev-OPS tools - **Jenkins, GitHub** and **Sonar**.
- Working with **Linux** and Linux based machines(RHEL) as **servers**.
- .Net Framework.

Professional Experience

- Worked as **Software Engineer** for **Tesco**, from SEP-2015 to October-2017.
- Interned at the **Defense Research and Development Organization** of India during under-grad.

Educational Details

- Pursuing Master's degree on **Knowledge Engineering** at the **National University of Singapore**.
- Completed BE in "**Computer Science**" from **Dayananda Sagar College of Engineering** in the year 2015.
- Did my schooling in **Bishop Cottons Boy's High School** and **Bethany High School**.

Enterprise Projects

Tesco

- Deployment of infrastructure on the cloud using **AWS** with the help of automated scripts like **Terraform** and using the **JavaScript SDK** for AWS.
- Worked as a **Full-Stack Web-Developer** using **React, Redux, JavaScript, HTML** and **MaterialUI** on the front-end, and **NodeJS** framework, **MongoDB, GraphQL** as the API framework on the back-end.
- Containerization of applications using **Docker** and deploying them using orchestration tools like **Kubernetes** and **ECS**.
- **Automated CI/CD** for applications using orchestration tools like **Jenkins** and **GitHub** for source control management

DRDO

- Using naive **bayesian classifier** for threat detection and classification of vehicles based on radar data.

Personal Profile

- **Name :** KENNETH RITHVIK Y
- **DOB:** 4-10-1993
- **Nationality:** Indian
- **Passport and valid pass:** In Possession
- **Languages Known:** English, Tamil, Kanada, Hindi
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