**Kenneth Rithvik E-mail:**[rithvikkenneth@gmail.com](mailto:rithvikkenneth@gmail.com) **Mobile:** +65-93549747

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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 CICD** 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
* **Address:** #19-155, 1-Normanton Park, Singapore-118998

Kenneth Rithvik