

# Ahmar Suhail

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## EXPERIENCE

### University of California, Irvine — *Research Associate*

January 2019 - PRESENT

Technologies used - Java, Python, Node.js, Kubernetes, Docker, Linux Traffic Control, React

- Designed and developed a framework to prioritize application critical traffic for IoT systems.
- Framework analyzes traffic load and calculates % of total bandwidth and drop rates for each user accordingly.
- Implemented network policies using Linux's Traffic Control on virtual interfaces of docker containers, and managed deployment using Kubernetes.
- Developed front-end using react for running and viewing experimental results.

Project Github link: <https://github.com/ahmarsuhail/kubedex>

### NIIT Technologies, Noida, India — *Sr. Full-Stack Developer*

July 2016 - September 2019

#### Cargo & Fleet Management

Technologies used - Node.js, React, Azure

- Lead application development for a Cargo & Fleet management solution.
- Developed backend API's using Node.js, and a real time updating dashboard using React.
- Developed data ingestion platform using Azure's IoT Hub.
- Optimized architecture on various points, focussing particularly on data optimization and data management cycles.

## SKILLS

Languages: Javascript, Java, C/C++, Python

Backend: Node.js, Java Spring MVC

Frontend: React, Angular  
HTML, CSS, Bootstrap, Material

DevOps: Docker, Kubernetes

Cloud: AWS, Azure

## CERTIFICATIONS

AWS Certified Developer - Associate

## **British Airways**

Technologies used – Java Spring MVC, AngularJS, SCSS

- Worked on the design and development of phase two of the British Airways Beta website.
- Developed fully responsive UI views and made enhancements to AngularJS application.
- Wrote new and enhanced existing micro services using the Spring MVC.
- Developed an application to generate boilerplate code for adapter micro services thereby reducing total required development time.

## **EDUCATION**

University of California, Irvine — *Masters, Computer Science*

September 2018 - June 2019

NIT, Allahabad — *B-Tech, Computer Science*

July 2012 - May 2016