Keerthi Jayarajan

Sr R&D Engineer

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Working on Blockchain applications in Aviation | Software Enthusiast | Senior R&D Engineer @ Honeywell

WORK EXPERIENCE

Senior Research & Development Engineer
Honeywell Technology Solutions

10/2016 – Present   *Bangalore, India*

Achievements/Tasks

- Deployed Hyperledger Fabric based Blockchain platform for GoDirect Trade (https://www.godirecttrade.com/) which is the first of its kind online marketplace for aircraft parts.
- Architected and Developed blockchain platform based on Hyperledger Fabric. Designed middleware components.
- Built Infrastructure for blockchain platform in Internal Cloud, Azure and AWS
- Designed and Developed Rectjs and Nodejs based blockchain client applications
- Working on digitization of aicraft part scanned documents through various Deep Learning and OCR techniques for document classification and object detection.

System Engineer III
Honeywell Technology Solutions

10/2014 – 10/2016   *Bangalore, India*

Achievements/Tasks

- Designed and Developed iOS and Android cabin control and Tablet Map applications for Business Jet Cabin Systems
- Developed POC for Gesture Controller to replace legacy mechanical switches in Business Jet Cabin Systems.

Senior Engineer
Honeywell Technology Solutions

06/2010 – 09/2014   *Bangalore, India*

Achievements/Tasks

- Developed sales applications for cabin control iOS application for Business Jet Cabin Systems
- Developed IR based remote control application for cabin system
- Developed Synthetic vision Demonstrator iOS application using Cloudkit and AVFoundation Framework
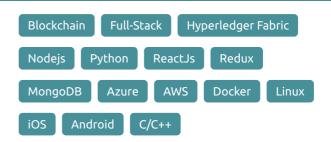
EDUCATION

Bachelor in Electrical and Electronics Engineering
Sri Krishna College of Engineering and Technology/Coimbatore

06/2003 – 05/2007

SKILLS

Blockchain   Full-Stack   Hyperledger Fabric

Nodejs   Python   ReactJs   Redux

MongoDB   Azure   AWS   Docker   Linux

iOS   Android   C/C++

ORGANIZATIONS

Honeywell Technology Solutions (07/2007 – Present)

ACHIEVEMENTS

In-House Startup Award (01/2019)
Honeywell In-House Startup Award, 2018 for potential Blockchain based applications in Aerospace.

Outstanding Engineer Award
Honeywell Technology Solutions

Technical Excellence Award
Honeywell Technology Solutions

Individual Excellence Award
Name of the institution that issued/awarded it
- Honeywell Technology Solutions

Team Excellence Award
Honeywell Technology Solutions

LANGUAGES

English
Full Professional Proficiency

Tamil
Native or Bilingual Proficiency

PATENTS

Have 7 Patents Filed

INTERESTS

Browsing   Technology   Software Design

Blockchain