SRIVATHSAN K R

Front End Developer | 9.6 years of professional experience

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EMPLOYMENT

vmware — *Senior Member of Technical Staff*

JUNE 2020 – PRESENT

Project: CloudHealth Technologies (CH)

CH a SaaS product offering by vmware for cloud computing services related to cost management, governance, automation, security and performance.
Rightsizing is a service which provides multi cloud customers to up-size, down-size or terminate assets based on their usage. This helps to optimize the cloud usage cost and increase savings.

Roles: Design and develop UI components and write unit tests. Module ownership, bug fixes and production on-call support. Organize Cloud Management Business Unit hackathons.

Western Digital — *Principal Engineer*

JUNE 2017 – MAY 2020

Project: Fleet Health Monitoring (FHM)

FHM monitors the fleet of hard disks deployed in the Data Center, proactively analyses possible failures in hard disks, monitors the performance of hard disks in real time, performs the first level diagnosis and generates failure reports.

Roles: Design and develop UI features. Support Enhancements, bug fixes and unit testing. Drive demo meetings on self-interest topics.

Project: DefectNet - Wafer Inspection and defect Classification

Defectnet uses machine learning models to identify patterns of defects in hard disk media and read/write head. These models are batch processed and stream processed with terabytes of decoded logs ingested from the fab.

Roles: Develop web application and user interfaces. Member of the hiring committee. Mentor new team members.

TECHNICAL SKILLS

Languages
JavaScript
TypeScript
HTML5
CSS3

Frameworks
React JS
Redux
React Testing Library
Jest
GraphQL
REST API
JQuery

Package Managers
YARN
NPM

Databases
DynamoDB

Cloud Computing
Amazon Web Services

DOMAIN
Enterprise Storage
Telecom
Semiconductors
Cloud

Applied Materials — *Senior Software Engineer*
JANUARY 2016 – JUNE 2017

Project: Automatic Defect Classification (ADC)

ADC inspects defects in microprocessor manufacturing stages in the fab. Images at nano scale with metadata are captured and processed in realtime to identify the cause and stage of defects.

Roles: Design and develop features for the product. Support enhancement, bug fixes, unit testing and integration testing. Mentoring new team members.

Nokia — *R & D Engineer*
SEPTEMBER 2014 – NOVEMBER 2015

Project: EdenNet - Self Organizing Networks (SON)

Automated Site Creation is a configuration management which configures parameters required for a new cell site for 3G and 4G networks.

Roles: Design and develop features, unit testing. Mentoring interns.

Tata Consultancy Services (TCS) — *Assistant Systems Engineer*
SEPTEMBER 2012 – SEPTEMBER 2014

Project: UConnect system - Merchant Transaction System (MTS)
Client: Fiat Chrysler Automobiles (FCA)

UConnect system delivers advanced connectivity, entertainment, Navigation and communication features in the vehicle Telematics unit.
MTS provides life cycle management of the vehicles and supports end-to-end transactions of apps installed in the system.

Roles: Develop features and enhancements, unit testing.

Project: Material Performance Reporting (MPR)

Client: General Motors (GM)

MPR is an unified forecasting system used in GM to predict annual procurement cost of the raw materials purchased from diverse vendors. It analyzes historical procurement data, suggests optimized solutions to reduce the cost, choose the right vendor and improve the quality.

Roles: Develop features from the scratch. Enhancement of features and unit testing.

EDUCATION
SASTRA University — *B.Tech Information Technology*
Thanjavur, Tamil Nadu, India

JUNE 2009 – MAY 2012   **CGPA:** 8.1 / 10

METHODOLOGY
Agile scrum

PERSONAL SKILLS
Individual Contributor
Team Player
Mentor

PASSION
Web Technologies
User Experience