Siddharth Venkatesh

Fullstack developer

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Skills and Abilities

- Programming languages: HTML, CSS, Javascript, Typescript
- Frameworks: Angular, React, React Native, NodeJS, Express
- Database: MongoDB, PostgreSQL
- Utility tools: Docker, GraphQL, Azure

Work Experience

Asteria Aerospace Private Limited

Fullstack developer
Bangalore, India
June 2018 - Present

Aricent Technologies(Holding) Limited

Software Engineer
Gurgaon, India
June 2016 - June 2018

Education

Anna University

B.E in Computer science and Engineering
Chennai, India
2011 - 2015

Projects

Skydeck

Asteria Aerospace private limited
September 2019 - Present

- Architected and implemented four fullstack applications for a drone-related software suite
- Setup orchestration and CICD pipeline for applications and services in Azure platform
- Created and managed component and utility libraries
- Implemented a video upload, playback and livestream using Azure Media Services
- Initiated and implemented the transition from mulitple repositories to a monorepo

Tech used: Angular, React, ExpressJS, Docker, Azure app service, Azure media services, Azure DevOps

Genesis

Asteria Aerospace private limited
June 2018 - Present

- Implemented over 15 microservices ranging from authentication, authorisation, livestream, messaging, data streaming etc.
- Setup a web application firewall and reverse-proxy
- Built a GraphQL layer on top of REST services
- Migrated legacy JS code to ES6+ and Typescript
- Streamlined build and maintenance process with Docker and Docker Compose

Tech used: Angular, ExpressJS, MongoDB, TypeScript, Docker, Docker compose, Nginx, Traefik, ModSecurity, Apollo(GraphQL)

DT-Edge

Aricent Technologies(Holding) limited
November 2016 - June 2018

- Implement a web portal to enable developers to move applications into the Edge network
- Implemented backend services for authentication, Identity and access management
- Implemented container orchestration and continuous deployment of applications from a central repository to the appropriate Edge network

Tech used: Angular, Java, Spring boot, NodeJS, Docker, Kubernetes