Karthik Aravind R

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Education

Sri Venkateswara College of Engineering   Chennai, India
BE Electronics and Communication Engineering   GPA – 7.4/10   *Jul 2015 – Apr 2019*

Coursework - Data Structures and Algorithms, Object Oriented Systems and Programming, Telecommunication Networks, Operating Systems, UNIX, Internet of Things, Probability and Statistics

St.Joseph's Mat Hr Sec School   Chennai, India
Higher Secondary Percent - 91   *Jun. 2014 – May 2015*

Coursework – Computer Science, Mathematics, Physics, Chemistry

Technical Skills

Languages: **JavaScript** (Proficient), **HTML, CSS**, Python, Java, C, C++,
Tools: VSS Code, Github, Postman, Eclipse, STS, Android SDK
Skills & Frameworks: **React JS** (Proficient), **Express Node JS**, **Docker**, **Kubernetes**, **AWS**, Angular
Database: MongoDB, MySQL, Firebase

Experience

Engineer | TATA ELXSI   October 2019 – Present
- Developed Deployed and maintained Business Intelligence web application for Invidi
- Developed a Blogs viewing Application like Medium using MERN Stack
- Developed an E-Commerce and Weather Forecast Application using MERN Stack and Google Firebase
- Developed SSO Authentication with password Encryption using Spring Boot Framework.
- Deployed E-commerce and Spring Boot Application in Docker, Kubernetes and AWS EKS Cluster

Intern | Airport Authority of India   Dec 2017 – Jan 2018
Trained on Instrument Landing System(ILS), different types of Antenna such as Log Periodic Dipole Antenna(LPDA).Also learned about the working and usage of primary and secondary Radar and Instruments such as Localiser, Markers, Locators and DME

Intern | Infogro Technologies   Dec 2016 – Jan 2017
- Trained in Embedded System and its Application.
- Gained Knowledge on Embedded C Programming.

Projects

Blog-viewing Web Application(Atheneum) | *React JS, Express Node JS, Mongo DB*   April 2021 – June 2021
- Developed a web application inspired from medium in which user can view, like, bookmark blogs and write and publish their own blogs
- Developed front-end using React JS, HTML and CSS and back-end with Node Express JS with mongo Db as Database.

E-Commerce Website (Canvas) | *React JS, Express Node JS, Mongo DB, Firebase, Heroku*   August 2020 – Oct 2020
- Developed a web application "Canvas" in which users can create an account and buy shoes with functionalities like Wishlist, Bag, Orders.
- Developed front-end using React JS, HTML and CSS and back-end with Node Express JS with mongo Db as Database.

Weather Forecast (Lit Weather) | *React JS, Firebase, Open Weather API*   Dec 2020
- Developed a weather forecast application that forecast temperature, humidity and other measures of current and next 8 days of every place.
- Developed front-end using React JS, HTML and CSS with Google firebase as Database and deployment.