Diwakaran G
Software Professional

I am very excited to take up a challenging role where I could continuously learn, improve and solve problems by collaborating with people around the globe to contribute to potential growth and betterment of the organisation

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WORK EXPERIENCE

Senior Software Engineer
Infinite Computer Solutions

09/2019 – Present   *Remote, Chennai*
Working in frontend development of web and mobile applications

- Worked in UI team on adding features and bugfixes to dashboard type web app and wifi customer mobile app.
- Worked in development of frontend components of live chat & asynchronous chat, push notification features and graphs(D3 and Recharts based)in web application.

Contact: Veeraraghavan Shanmugarajan – 9962076747

Freelance Web developer
Independent Developer

03/2018 – 08/2019   *Remote*
Worked in development of Javascript based applications

- Switched from Embedded & LTE domains, due to interest in the full stack (end-to-end software) solution development.
- Enhanced hands-on experience in HTML, CSS, Javascript, Angular, NodeJS, MySQL, Ionic.
- Worked in 5 projects including web app(2), web services(2) and mobile app(1) development based on requests from Chennai based startup clients.

Contact: Dinesh Rajendran – 8754515092

Development Engineer I
MBIT Wireless Pvt Ltd

09/2016 – 03/2018   *Chennai*
Involved in development, testing, analysis, inter team integration, production support activities in a fast paced startup team

- Worked as module owner of PHY-L1 layer Cell Search modules(Embedded C based) in LTE-4G protocol stack

Contact: Vinothabharathi Kalianasundaram – 9843146566

Associate Software Engineer
Microchip Technology

06/2014 – 09/2016   *Chennai*
Assisted team in 3 projects for development, testing, certification activities.

- Worked as entry level engineer in firmware management team(Embedded C based) for touch sensing solutions.

Contact: Manoj Kundwani – 8056282365

EDUCATION

Bachelor of Engineering ECE
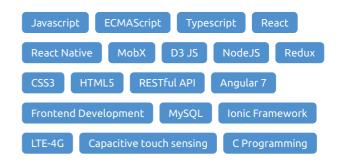**Coimbatore Institute of Technology**

07/2010 – 05/2014   *CGPA-8.8*

Higher Secondary Course
KCSNHSS Washermenpet, Chennai

06/2008 – 04/2010   *97%*

SKILLS

Javascript   ECMAScript   Typescript   React
React Native   MobX   D3 JS   NodeJS   Redux
CSS3   HTML5   RESTful API   Angular 7
Frontend Development   MySQL   Ionic Framework
LTE-4G   Capacitive touch sensing   C Programming

PROJECTS

Wifi-ISP Dashboard Web App and Wifi Customer Mobile App (09/2019 – Present)

- Closely worked with peer teams for rapid prototyping and shipping of front end deliverables for live chat, async chat, push notification features in web application.
- Added enhancements and bug fixes for D3 based force directed graphs in web application.
- Added bugfixes and added standard CRUD type configuration and visualization of platform level features in web and mobile applications.

Pharmacy Web and Mobile App (05/2019 – 08/2019)

- Developed hybrid Mobile application for Android using Ionic and Angular frameworks
- Developed Angular 7 web application for Medicine Prescription Management by pharmacies for a IITM incubated startup.
- Built features for managing prescriptions, sales, leads, profile, medicines list.
- Used RESTlike APIs provided from peer remote teams and completed quick development and delivery of frontend applications.

Motor Insurance Aggregator Web Service (03/2019 – 06/2019)

- Built webservice for a Chennai based IRDAI certified Insurance broker using NodeJS, ExpressJS, MySQL, passportjs, AWS EC2, Soap & REST APIs.
- Integrated third party web services from different insurers to compare and best buy two wheeler insurance.
- Built generic, scalable, layered, modular code and delivered to clients to integrate more insurance products.

Grocery Ecommerce Web App (11/2018 – 05/2019)

- Built Angular 7 application on top of static third party HTML, CSS design templates.
- Built web services using Node JS, Express JS, MySQL.
- Added basic features including authentication, product management, order management, inventory management for a startup company based on OMR Chennai

OTHER INTERESTS

Cognitive Psychology   Sustainability   Theoretical physics
Permaculture   DIY   Software Engineering   Economics
Software: best practices and pitfalls   Research   Movies
Badminton   Analytic Journalism   Documentaries

25 June, 2020