
K.R.SAI CHARAN

Software Developer

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About Me :-

I am a Software Developer. Passionate to learn and implement new techniques and technologies. I love to code and enjoy writing technical content.

Progressive experience of 2+ years with ASP.NET core 3.0 MVC and Web API ,Angular 6+ along with Ionic 5+ Framework for Cross platform Application Development, ReactJs and Nodejs. Hands-on experience with Javascript ,Typescript , Python , C#.

Being an optimist and problem solver I give my best to solve the problems rather than avoiding them.

Education :-

Bachelor of Engineering (B.E), (Mechatronics)	The Oxford College Engineering	CGPA: 8.33/10	2019
XII (Senior Secondary), Science(PCME)	Sri Krishna Pu college	78.50%	2015
X (Secondary) (ICSE)	Sri Krishna international educational society	70.50%	2013

Professional Skills :-

Backend Technologies	ASP.NET core 3.0 MVC ,ASP.NET core Web API, FastAPI ,Nodejs ,ExpressJs.
Frontend Technologies	Angular 6+ ,ReactJs , Ionic 5+ Framework, Next.js ,jQuery ,Bootstrap ,TailwindCSS.
Database Technologies	MsSql, MySql, MongoDB, PgSql.
Version Control	Git, Bitbucket.
Operating Systems	Linux ,Windows.
Programming Languages	Python, C# ,Javascript, Typescript.
Data Analytics	Pandas ,Numpy, Jupyter Notebook, CSV ,Excel

Certification:-

Master Program In Artificial intelligence

<https://success.simplilearn.com/b30d97df-bf25-4271-a682-5639c0b0af77#gs.a9sfo4>

Work Experience :-

1. BrenoLabs Pvt Ltd.

November-2021 - Present

Software Developer

- I am involved in Frontend Development of the EV Guide Application.

2. Vegam Solutions Pvt Ltd.

January-2021 - October-2021

Software Developer

- I was part of the VegamView and vMaint4.0 team .
- Worked on Fixing bugs and Development of features in GraphVisualizer Page and Various vMaint4.0 Modules .
- Learned the Agile Method of working.
- Gained Technical Knowledge in .NET framework , Javascript :- KnockoutJS ,RapidJS ,JointJs,jQuery ,HTML,CSS with bootstrap 4.

3.Celominds Solutions Pvt Limited

October-2019 - December-2021

Junior Full stack Software Developer

- I was part of Krishikoj Team and ISG BMS Application Team.
- Completely Responsible for Developing the Frontend of Krishikoj Application
- Involved In Fixing Bugs And Features Development in BMS Application.
- Gained Technical Knowledge in ASP.NET core 3.0 web apps ,Angular 9,RestFul APIs, Javascript,Typescript,Jquery,MsSql.

4.Python Trainer (Self Employed).

Part Time - November 2020 - November-2021

- I was involved in training US high school Students in python concepts .

Projects :-

1. Smart Rewarding waste management system(Engineering Project)

This system promotes and attracts citizens to throw waste only into the bin. It separates dry and wet waste by image recognition and classification. This method of waste management increases recycling of waste to around 60-70%, increases disposal of trash into bins rather than littering on streets and reduces manual labor for segregating trash.

2.KrishiKhoj (Celominds)

KrishiKhoj helps farmers discover agricultural services and service providers in their vicinity. KrishiKhoj enables service providers to list their services and users to discover these services and contact them for availing the service.

<https://play.google.com/store/apps/details?id=com.krishikhaj.application&hl=en>

Tools and frameworks used: - Django,PgSql, Angular 9 and Ionic.

3.Building Management Application / Power Management Application(Celominds)

This is the application built for UK clients to Manage,Monitor ,Automate and Control the Various Mechanical and Electrical Equipment such as fire safety ,security systems etc distributed across the various locations in the facility .

Tools and frameworks used: - Asp.net core 3.0 ,SSMS ,MSSQL Database, Plain Javascript ,jQuery ,HTML ,CSS with bootstrap 4.

4. VegamView And vMaint4.0 (Vegam Solutions pvt limited).

These Modules are part of the Vegam Predictive Maintenance solution . It is a Saas Based application. That performs following tasks

1. To collect machine data and analyze patterns to get actionable insights.
2. Visualize and monitor the factory through VegamView.
3. Digital maintenance to support paperless management.
4. Plan, schedule, execute, and track maintenance activities and reduce failures.

Tools and frameworks used: - .NET framework , Javascript :- KnockoutJS ,RapidJS ,JointJs,jQuery ,HTML ,CSS with bootstrap 4.

5. Auto Finance Management Application.(FreeLance Project)

Project was to cater the needs of clients to manage their Auto Finance company based out of the US. It involved integration with payments, user management, vendor management, user verification and others.

Tools and frameworks used: - Angular 9 , Ionic Framework ,tailwind css .Nodejs ,ExpressJS,MongoDB.

6. News Aggregation Application.(FreeLance Project)

Application to collect news from different sources like NDTV,India Today etc .This application also has an inbuilt Dictionary.

Tools and frameworks used: - Angular 9 , Ionic Framework,Nodejs ,ExpressJS,Axios,Cheerio.