

Sai arun kumar Gandholi

Full Stack Developer | Web Developer

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Professional senior software developer with ~8 years of experience who manages projects as a lead, developer, and programmer analyst. Excellent technical ability in requirement analysis, development, unit testing, troubleshooting, and implementation. A strong leader with the ability to manage assistance teams and solve complex issues consistently creates and implements effective development strategies based on industry best practices.



Work History

Software Technologist – 1

August 2019 – present

Philips Innovation Campus

Technologies used: Angular 10, React JS, JavaScript, D3 JS, RxJS, Node, ExpressJS, Restful Web Services, Java, spring boot, Microservices, PostgreSQL, SQL Server, Selenium and AWS

- In order to render complex webpages without violating Philips design standards, a configurable/pluggable components user interface framework was built, **which cuts the effort required to create a workflow page by 80%.**
- Developed a dev tool to identify and display component configurations, which aided in visualizing the configurations and **cutting development time by 40%.**
- Analyzed the existing code base to address high latency and memory leaks by introducing strategies and techniques that **reduced memory leaks from 1.5GB to 600 MB in 60 minutes, a 50% improvement.**
- I created a wrapper framework using Selenium and Python to write UI E2E testing with BDD-driven features, which allowed us to **automate nearly 70% of the system requirements.**
- Using the template-driven data import, I was able to reduce the onboarding period for a new customer **from 5 days to less than 2 days.**

Senior Systems Engineer

February 2016 – May 2019

Infosys Private Limited

Technologies used: C# Net, ASP.NET MVC, Ado.net, LINQ, JavaScript/jQuery, HTML, Bootstrap, SSIS, OCR, HTML 5, CSS 3, JavaScript, Bootstrap, SQL Server 2012, MS- SQL2016.

- As a full-stack developer, I was in charge of creating enterprise-level web components and integrating them in accordance with the client's specifications.
- Participated actively in the migration of the legacy code base to the most recent technologies.
- Designed and implemented numerous features using the .NET framework and technologies such as the C# programming language, JavaScript, JQuery, and Bootstrap.



Skills

Web Technologies	JavaScript, Angular 2+, React JS, Redux, HTML, CSS, J-Query, Bootstrap, D3 JS
Technologies	Nest JS, Express JS, C#, LINQ, Entity Framework, REST APIs, Rabbit MQ
Database	SQL Server, MySQL, Postgresql
Testing	Automation testing using Selenium, Protractor, TestNg Unit testing using karma & Jasmine, Jest BDD testing using Python, Cypress
Programming	Data structures and algorithms, Design patterns, UML
Editors/tools	VS code, IntelliJ, Visual studio, GIT, BitBuket, JIRA



Achievements

- **Take ownership to deliver fast** – Philips
 - Achieved for delivering the RT structure set selection feature in close collaboration with all stakeholders, along with taking charge of evaluating dependencies for the defect backlog, resulting in adept planning of identified defects.
 - Achieved for delivering content on time, collaborating seamlessly across teams, stretching personal time, and multitasking across several areas of development such as bugs and features for demonstrating high levels of ownership.
- **Eager to Improve and Inspire** – Philips
 - Always ready to tackle difficult tasks. utilizing the newest technologies available to update my skills and knowledge while also imparting what I learn aims to make the best improvements possible for me, the team, and the product.
- **Winner of Radiation Oncology Hackathon** - Philips



Education

Bachelor of Technologies - Mechanical Engineering	2011 - 2015 (77.78%)
Vignan's Institute of Information Technology	
Board of Intermediate Education	2009 - 2011 (88.30%)
NRI jr College	
Board of Secondary Education	2008 – 2009 (90.80%)
Chaitanya Public School	



Hobby Projects

- A simple game to allow individuals to relearn the principles of CSS coloring by asking them to guess the hex color coding based on the color displayed. Vite and React JS were utilised to build it. The future scope is to provide reference documents and introduce analytics of a user's gameplay.
Website: <https://gandholi-kumar-guess-color.netlify.app/>
- Graphical representations illustrate the different actions a user has taken to achieve a particular goal. The configuration drove the data, which was built with D3.js and the Angular framework..
URL: <https://d3-charts-uh2urz.stackblitz.io>