

# Avinash Gurugubelli

Full Stack Developer | Web Developer



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**Full stack developer currently associated with Citrix, Bangalore as Lead/ Staff software engineer.**

Accomplished Senior Software Developer with **8.5+ years** of experience leading projects by acting as architect, developer, and programmer. Good technical expertise in Agile practices, requirement analysis, development, unit testing, troubleshooting and implementation. Strong leader in guiding support teams and solving complex issues



## Technical Profile

### Key Results

- Participated in decision-making areas beyond programming such as scrum handling, client requirement gathering, hiring.
- Developed configurable (or) pluggable components UI framework to render complex webpages without compromising design standards from scratch which **reduces the effort of full workflow pages building by 80%**
- **Well versed in** Building the scalable web apps using modern JS functionalities like Shared workers, web Workers, Service workers, Message channels etc.
- **Developed tools like static suppression** findings in code and integrated with CICD to check the code quality automatically.
- Developed a tool to intelligently analyze the code review comments which helps in improving the code merge request time, **widely accepted innovation tool by many business units internally.**
- Developed Rest API's, CRON job schedulers, real time data flow integration using Kafka and JMS using Java spring boot.
- Developed a wrapper framework using selenium and python to write UI E2E testing with BDD driven features, which helps us to **automate the system requirements by almost 70%.**



## Skills

<b>Technologies:</b>	Java, Spring boot, Hibernate, Kafka, JMS, Rabbit MQ, C#, ADO.Net, LINQ, Entity Framework, REST API's, Nest JS, Express JS, Micro services, Python, Node JS, Flask
<b>Web Technologies:</b>	HTML, CSS, JavaScript, J-Query, Bootstrap, Kendo UI, Angular 13+, React JS, Micro frontend
<b>Database</b>	SQL Server, Postgresql, Oracle 11g, MySQL, Mongo DB
<b>Cloud &amp; Devops</b>	AWS, Dockers, Kubernetes
<b>Testing</b>	Selenium, Protractor, Unit testing using Junit, Pytest, Jasmine, Jest.
<b>Programming</b>	Data structures and algorithms, Design patterns
<b>Editors/ tools</b>	Vscode, IntelliJ, visual studio, eclipse, GIT, TFS, JIRA



## Education & Certifications



- **Bachelors in Electrical and Electronics Engineering** from GITAM University, in 2015 with 8.12 CGPA



## Hobby Projects / Open-source contributions

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- Developed a configurable web page builder framework to easily render the static and dynamic web pages just by changing the JSON layouts. It also plugged with Authentication, Authorization, Mail, SMS services to enable the basic security and communication layer. Future scope is to make it more flexible to drive any workflow using workflow template concept.
- Live websites: <https://www.tekisworld.com/>



## Work History

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**Citrix – Workspace for Chrome OS and Web (Citrix, Bangalore) | Lead Engineer**

Jan'22 – present

Citrix Workspace enables users to access hosted applications and virtual desktops in browsers and chrome OS.

- Redesigning and improving the user experience of the Citrix workspace for browser and chrome app platforms.
- Refactoring the old legacy Java script based UI to new UI modern framework with new fresh look.
- Building new framework from scratch to render the UI dynamically by layouts and configurations instead of static code.
- Implementing various wrappers to isolate the core business logic and UI layer so that UI layer can adopt by any other use cases.
- Implementing the In-house logging and analytics mechanism which can be used by various Citrix platforms.

**Technologies:** JavaScript, React JS, Type script, Jasmine, Java, spring boot, Micro services, Kafka, Redis, Junit, Selenium, PostgreSql, AWS

**Intelli-Space Precision Medicine (Philips, Bangalore) | Senior developer, Lead**

May'21 – Dec'22

ISPM transforms and enhances the Tumor Board process. It streamlines preparation, enhances review and analysis, and empowers the cancer care team to reach clinical treatment decisions based upon rich dashboards, diagnostic images, reports, and structured patient data. The sessions can be attended virtually or in-person.

**Technologies:** Angular, Type script, JavaScript, Jasmine, Java, spring boot, Python, Flask, Micro services, Junit, Pytest, and micro front end architecture, Kafka, JMS.

**Radiation Oncology Orchestrator (Philips, Bangalore) | Senior developer, Lead**

Jan'18 – May'21

This Application helps to manage complexity, improve efficiency, and enable operational excellence in radiotherapy departments. It also provides a harmonized way of working, integrating applications and automating workflow to help reduce the amount of time it takes from receiving a patient referral to the start of their treatment.

**Technologies:** Angular, Type script, JavaScript, Jasmine, Java, spring boot, Python, Flask, Micro services, Junit, Pytest, and micro front end architecture, Kafka, JMS.

**Spine (Infosys, Bangalore) | Developer**

Dec'15 – Jan'17

Spine is a Windows service developed to read e-mails from mail servers automatically and send acknowledgement mails after invoice processing, it also delivers a vast range of choices to user like saving mails in their physical drives, allowing only required file extension attachments to download and sending e-mails through web app.

**Technologies:** HTML, HTML 5, CSS 3, JavaScript, J-Query, Bootstrap, Kendo-UI, C#, WCF, Asp.Net Web API, LINQ, Entity Framework, Windows Forms, Asp.net MVC, ADO.Net, SQL Server (2008 R2, 2012).

....Check out more of my previous projects in my. [Linkedin](#)