VENKATESH S

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Professional Summary

➤ Having around **10** years of IT Experience in Software Development which includes **HTML 5, CSS 3, JavaScript, Angular 9+, TypeScript, Angular JS, Bootstrap, ADA, DOJO, jQuery, Node JS, NPM packages, Ext JS, D3 JS, AJAX, LESS, PHP, JSF, JSP, Servlet, Geo Server, Open layers, Geo Ext & PostgreSQL/PostGIS.**

➤ Willing to work any UI technologies & frameworks. Have been involved lot of innovation POCs.

➤ Efficient in learning and implementing new methodologies in the field of web development.

➤ Have good work experience in **AGILE** methodology and used various tools like **GIT, Bit Bucket, JIRA, Jenkins, Eclipse, VSTS, Visual Studio Code, Rally and Scrubber**.

➤ 6+ years of experience in **Agile methodology.** Have participated in daily standup calls, retrospectives, look ahead, grooming meetings and actively participate in all the sprint activities.

➤ Have got **Best Performer of 2021**, **Extra Effort Award** and **Productivity Award** in recognition of extra efforts towards product delivery and got good recognition for my performance from different LOB/Clients.

➤ Our team got selected "**Best Project Execution Team Award**" for excellent project deliverable.

➤ Always maintaining accuracy in work and can make free-of-error features in the development.

➤ Encourages collaborations with the team & provides suggestions that enhance productivity.

➤ Have knowledge in GIS Tools - **ArcGIS**, **QGIS** and **Open Jump**.

➤ Proficient in web GIS tools, particularly those used for online interactive maps such as **Google Maps API**, Google Earth plug-in, Yahoo! Maps API, Bing Maps API, Open Layers and OSM.

Professional Experience

Company	Client	Designation	Duration
Bank of America Continuum India Private Ltd		**Software Engineer II A**	**Aug 2019 - present**
INFOSYS Limited	AGCO	Technology Lead	Aug 2018 – Aug 2019
HCL Technologies Ltd	Cisco Systems Inc	Lead Engineer	Apr 2015 – Aug 2018
National Informatics Centre (NIC) Deployed by IAP Company Pvt Ltd / Neelkanth Digital Infonet Pvt Ltd	National Informatics Centre (NIC)	Programmer	Feb 2012 – Apr 2015

Web Technology	:	HTML 5, CSS 3, JavaScript, Angular 9+, Typescript and jQuery
Languages Known	:	OOPS, PHP
Framework	:	Bootstrap, Ext JS, DOJO
Operating System	:	Windows 2003/XP, Windows 7 and Windows 10
Database	:	MS SQL Server 2005, MySQL and PostgreSQL
GIS Technologies	:	Geo Server, Open layers and GeoExt
GIS Tools	:	QGIS, Open Jump and ArcGIS
Spatial Database	:	Post GIS

Project Works

Bank of America Continuum India Private Ltd, Chennai   Aug 2019 – Till date
#1. Phoenix core framework   Software Engineer II A

Description:

I have been worked on different projects in different technologies as a critical/lead and fire fighter role in my current employment in around last 2 and half years as follows,

1. **Phoenix core framework team** (I'm one of the core team members and its Phoenix 6 rebranding development, Phoenix is end-to-end system that incorporates user experience standards and designs into coded elements for fast, high-fidelity delivery that better meets client standards for best-in-class products. Phoenix is complete front-end engineering framework in Bank that provides usability/Accessibility/consistency/Branding and Fidelity)
2. **CPO Admin** (worked on addressing ADA - web accessibility and unit testing across the projects and trained team members)
3. **Dollar Save Initiative for the Bank:** Snowbound to Docsmot migration work which is Dollar save implementations in Bank and I took the lead and implemented for the same. Docsmot allows clients to customize their view of cheque images with features like rotate, zoom, fit to window, etc. CashPro IR and Receivables are the first to benefit from Docsmot, allowing clients to view their cheques in a rich UI editor. Docsmot is particularly helpful for visually impaired users to highlight and customize cheque images based on their needs.
4. **CPO IR** (worked on API migrations for snowbound to docsmot conversions)
5. **CPO Sign in Rewrite** (I was pitched into Login rewrite and addressed around 140+ client experience issues in short time for the release activities)
6. **CPO RMS** (worked on API migrations for snowbound to docsmot conversions)
7. The collapsible **AIT Tree component** using D3. Js display AIT related data in tree structure with better visualization formats.
8. Have involved for **Interactive Services portal** designing for responsive pages using Bootstrap.
9. **Innovations POCs projects:**
   - ✓ **Mock Data Generator** – Application specific automatically generate huge amout(lakhs) of fake or mock data based on user input for use in development or testing software applications and provisioning for different export data format to use. I was presented the Demo of POC with huge audience in CSOT team connect and got good appreciations.
   - ✓ **Angular 4 to 9 Migration** – environmental setup, code breaking changes, steps to migrate.
   - ✓ **Generate Angular Unit test case Automatically** – Aim of this idea is to generate the angular unit test case automatically with minimal efforts, improve the code coverage.

- ✓ **Solutions to resolve an Angular NPM install error** – Common solutions to resolve angular NPM, node related issues which can used across various angular projects in Bank.
- ✓ **Web Accessibility** – Accessibility is the practice of making our websites/our bank applications usable by many people as possible. It allows BOA to reach wider audience.
- ✓ **Browser based live code editor** – my own idea – prototype which in progress.
10. I would perform taking Interview of Campus hiring drive/ internal resource hiring.

Roles and Responsibility:

- ➢ Have involved core team development reusable component creations, bug fixing, worked on bootstrap, HTML, Angular part and it would match latest CPO style guides as per bank standard. involved my contributions on unit test case write, ADA - accessibility related issues fixes, provided useful sessions on ADA to different teams, working with different delivery teams for providing support to a lot of issues related with node, angular related issues.
- ➢ I have got a chance to work with different teams in different technologies. My focus always into the LOB works, innovations and self-development activity. And I always appreciate my team members for the better collaborations and encouragement.
- ➢ End of each sprint we will be shown demo with PO/SQA/Services team and the product. Had good collaborations with UI /Phoenix team/ Services / SQA and across the car.
- ➢ I can identify the opportunity that if I get any ideas or knowledge share for LOB/Innovations works that I can share with team for better visibility. Proactively working with team if there is any issues/dependency or doubts that I face, then & there I will be check team and get it clarified.
- ➢ Phoenix support across global both onshore and offshore to supports angular/node issues.
- ➢ Took responsibility for framework related issues, NPM install, node related issues in offshore team.
- ➢ During development identifying the issues/proactively worked and resolve issues timely manner.
- ➢ I have been worked on spring board reusable components, and I always actively participating all the innovations events like whitepaper contest, Code Week, supernova and I was performed/demoed lot of learning sessions across the team and sharing the technical knowledge and showing the demo with respect to project work or innovations related with team members.
- ➢ I always took ownership for whatever projects that I have been worked on and had good wrap up working across portfolio. I took the ownership for the dollar save ideas implementations that snowbound to docsmot migrations for IR/RMS applications.
- ➢ Have effectively involved and delivered more UI JIRA task on time with higher code quality and standards. I have improved my presentations/documentations/team management skills
- ➢ Have been completing all my deliverable on time with good quality.
- ➢ I always willing to learn and adapt any technologies that I worked on during UI development like JSP, JSF, Servlet call, Java.
- ➢ Improved test case spec counts and increased good coverage across the components.
- ➢ Have been effectively worked on ADA – web accessibility related part across the projects.
- ➢ I have worked for Interactive Services portal to make application as responsive design.
- ➢ Have completed AIT tree chart creation in an angular framework using D3 JS in a very short time.
- ➢ Collaborate with services team, Product owners, UX designer, Car Lead/ SM to deliver the product with good quality. Whatever work I performing everything is I did document for future use.
- ➢ Got a chance to work on snowbound to docsmot migrations on two different modules like CPOIR, CPORMS with a lead role for these initiatives, have involved my work on UI as well as Java layer part to migrating legacy implementations of JSF/JSP pages to latest image viewer implementations based on home grown product that was successfully released in IR module, currently which is in progress for CPORMS, and worked for addressing client experience addressing in sign in rewrite module.
- ➢ Have got very good feedback from different delivery managers for all my accomplishments.

INFOSYS Ltd, Chennai Aug 2018 – Aug 2019
#2. AGCO Customer Portal Technology Lead

Description:

AGCO Corporation is a global leader in the design, manufacture and distribution of agricultural equipment. Through well-known brands including Fendt and Valtra, AGCO Corporation delivers agricultural solutions to farmers worldwide through a full line of tractors, combine harvesters, precision farming, engine, hay and forage equipment, seeding and tillage implements, grain storage and protein production systems, application equipment as well as replacement parts. There's the field where farmers use our machines. And then there's the field of agricultural equipment makers like AGCO

Roles and Responsibility:

- Playing as lead role and working on both module development and SIT/FT/PIT/UAT defect fixing. Will checks with Business Analyst and Technical Manager to get the information on drop activity, module estimation, distributing the defects/task to the team based on the bandwidth and set the tracker to get the work from the design/ scripting part to make the module as bug free.
- Sharing the information to the team with FDD, VD and Zephlin link to the team for the code drop modules, check the discrepancy for all the modules and get it clarified with BA.
- Everyday setup a meeting with team to get the daily status of drop activity/drop bug fixing status.
- Distributing the task based on the resource and team capacity. EOD everyday will send status report to RM, SPM and client manager.
- Managing UI team in offshore assigning the works and get work from them.
- While analyze the requirement itself get it clarified with BA, Tech manager and Business to avoid reworks. Taking care of individual and entire team modules for the code drops.
- Everyday post deployment will do manual sanity, if any issues will ask team to address them proactively before testing team raise it.
- Taken care of PR review/approval process for the team.
- Implemented permissions management using slightly test throughout App so avoided security flaws as anybody can change flags in browser using AEM.
- Any doubts or help needed for the team, checking with onsite team and get it clarified and help them to start the work.

HCL Technologies Ltd, Chennai Apr 2015 – Aug 2018
#3. Cisco Intelligent WAN Lead Engineer

Description:

The Cisco Intelligent WAN (**IWAN**) is a system that enhances collaboration and cloud application performance while reducing the operating cost of the WAN. The IWAN solution provides design and implementation guidance for organizations looking to deploy a transport independent WAN with intelligent path control, application optimization, and secure connectivity to the Internet and branch locations while reducing the operating cost of the WAN.

IWAN takes full advantage of premium WAN and cost-effective Internet services to increase bandwidth capacity without compromising performance, reliability, or security of collaboration or cloud-based applications. Organizations can use IWAN to leverage the Internet as a WAN transport, as well as, for direct access to Public Cloud applications.

Roles and Responsibility:

- Playing as module lead and each day fully prepared to tackle my responsibilities.
- Providing feature enhancements in product and Bug fixing in the existing features of the product.
- Have worked on New features/enhancement/CDETS bugs/Rally task/Usability bugs/UI and UX bugs/Manual testing/Unit Testing/Automation scripts sanity running.
- Then and there I will be completing my works and have resolved around 200 CDETs bugs in the last 3 years, developed many features without any issues and submitted more than 50 bugs like, will be creating defects if found any issues while doing my development to avoid creating bugs someone from tester/backend teams.
- Having knowledge on CISCO testbeds/Devices/ISO Creation/Deploying latest Builds/Upgrade & Downgrade ISOs/Configuring devices/provisioning site/network related things for my development.
- Every sprint we will be showing the demos to the client and marketing people.
- Creating widgets using DOJO, working with developing new enhancement features, internally found issues, CDETs issue bugs fixing, Rally tasks and Usability bugs.
- Worked all the flows of the product, to finding the UX & UI bug fixes.
- Involved integration/ unit testing and Automation script to make sure application flow goes well.
- Involved customer call and will give the fix if there is any issues customer facing in their end.
- Supporting team members to understand new features and helping team to fix technical issues.
- I will be checking the requirements of development from team lead, then I will start my work and coordinating with my team members for getting input from various technology people like will talk with UX designer and Manual/Automation engineer for building bug free quality modules.
- Once done my feature development, I will be testing my features/modules from my end with unit/integration/regression testing and will run automation script for checking if my scripts are running properly without blocking any flows to avoid script breaks/regression issues to deliver the product must be good quality.
- After completing my features, we will give our patch or will provide committed url to system and solutions team, at the same time I will do round of testing and find if any breakages, issues, UI and UX level issues will be identified and this has to be created as CDETs bug and assign to myself, to fix the issues and provide quality products.
- If any UX related issues, I will be sync up with UX designer and will discuss and provide proper solution and Status reporting is very important to help prioritize, and remember to complete the important tasks, so that everyday sending report what I have done today, what I have to do for tomorrow and overall summary report.

National Informatics Centre, Chennai   Mar 2014 – Apr 2015
#4. Chennai Metropolitan Development Authority   Programmer

Description:

Chennai Metropolitan Development Authority (CMDA) is responsible for issuing Building Plan Permission Approvals, Layout and Subdivision approvals for the citizens and builders for taking up construction within the jurisdiction of Chennai Metropolitan Area (CMA). Web interface for viewing the maps/spatial database shall show Catchment areas, CRZ, IAF and other restricted areas appropriately. GIS integration would enforce the right decision support system on Planners' desktop for easy scrutiny of the site.

Workflow:

a. Trigger created for managing 3-stage workflow (on Original spatial table) to manage Insert / Update / Delete.
b. The trigger-based tables were integrated with Online Spatial Editing pages.
c. Web pages created for e
   ➢ Editing spatial data, Verification and Recommendation of spatial/attribute editing for second level users and Final approval and actual integration of changes in the original table at third level users.
d. Trigger was changed to include a Transaction table for holding all transactions and push only the approved changes to log or history tables at third level.
e. Provision for viewing changes in map for all three levels.

Responsibility:

- Created an interface for Editing of Attribute Data for CMDA Land use maps.
- Local body, Village and Survey Number Search Facilities are enabled for CMDA Application.
- Added an option for Buffer Analysis based on CMDA Data.
- Added an option for Drilldown and Enable **Print** Option.
- Query for Area, Land wise, Street alignment, Special Categories like CRZ, IT corridor, ARA, RCA, EWS, MRTS, Reclassification, Layout Approved extra provision provided.
- Buffer Search- Buffer is drawn based on the selection of survey number with centroid or a selected parcel.

National Informatics Centre   Feb 2012 – Feb 2014
#5. GIS for Ponneri Town Panchayat   **Assistant Programmer**

Description:

To create GIS Database, generate various Maps to compare and prepare various report for the existing data (Property Tax, Water Tax) with survey data. Generic Feature Extraction Application for capture of OFC lines and have given the facility for updating attributes.

Responsibility:

Programmatically extract the following Layers from the Satellite Imagery: Town Panchayat Boundary, Buildings, Roads, Water Bodies, Etc. and these data maintained in Postgres database. Created Role based User Login Authentication. Based on the login credentials, the department, privileges, Regions – District or others are identified dynamically.

- Application created dynamically to add/edit/delete Point or Line or Polygon features based on Google Maps and Overlay the base layers on Google map/OSM/Bing/Yahoo using GoogleAPI/ Openlayers and capture other relevant details. Attributes that can be edited in the Grid and what editing privileges are enabled for the user (View / Add / Edit / Delete), appropriate icons for doing these operations are enabled.
- Convert xls data to PostgreSQL and created WMS service in Geoserver and implemented in application and added an option for splitting/Merging the line and polygon features.
- Added options for drawing dynamic buffers and distance analysis based on DRD data (Hamlets / Water bodies / Roads/Bunds/Panchayats, etc).

Academic Profile

Course	Institution	Year of passing	Percentage scored
B. Tech- IT	Anjalai Ammal Mahalingam Engineering College, Kovilvenni, Thiruvarur Dt.	2011	80
HSC	Town Higher Secondary School, Kumbakonam.	2007	84
SSLC	Town Higher Secondary School, Kumbakonam.	2005	86

Academic Achievements

➢ Have won a Gold Ring for my academic performance.
➢ Have been selected as the Smart Student during the academic year.

Personal Details

Father's Name : Sivagurunathan A

Date of Birth : 26-08-1989

Linguistic skills : English, Tamil

Passport : Available

I hereby declare that the information furnished above is true, correct and complete to the best of my knowledge.

Yours truly

Place: Chennai
Date:

(VENKATESH S)