

R.NIVETHA

Phone: +91 9980039489

E-mail ID: nivetha.r12@gmail.com

SUMMARY

- Near 7 years of experience in Web development and Perl scripting.
- Full life cycle development including requirements analysis, technical design, development, testing and deployment.
- Exposure in working on cloud technology, Networking and telecom domains.
- Having exposure in developing self-projects.
- Won Sequoia Hack with the prize money of Rs.2 Lakhs.
- Went to onsite to Italy for Noipa project.

SKILL SETS

Web	: Angular 6, HTML5, CSS3, JavaScript, jQuery
Languages	: Perl, Node JS.
Frameworks	: Bootstrap, Cpan modules, Code Igniter MVC framework
Database	: MySQL, PostgreSQL
Operating System	: Linux, Windows
Tools	: GIT,SVN, Jenkins, JMeter

EXPERIENCE DETAILS

DXC Technologies (Former Hewlett Packard Enterprise)

Designation: Technical Consultant II

Period: March 2017 to Present.

Team: Cloud Native Apps Development Services

DXC Cloud Native Application Development enables traditional enterprises to operate like start-ups and develop great software.

Microservice Accelerator

Accelerator to generate micro services with standard dependencies built in. It is a dashboard for easy access to microservices tools ecosystem.

Roles:

- Developed Complete front-end stack in angular 6. Developed nearly 6 pages with functionalities on it.
- Worked closely with backend team defining the API contracts.

- Responsible for developing template driven dynamic pages received from the backend services. Integrating with Rest API.
- Involved in code reviews and mentored junior members.

Noipa : (Italy)

Cloudify Noipa is an Italian government project aimed at digital transformation of services provided by current Noipa system, created to meet the need to modernize and digitize the PA.

Roles:

- Played a key role in the project.
- Went onsite (Italy) for Project release from August to October 2018.
- Understanding the requirements from the client. Discussing and designing the front-end prototype based on the requirements and communicating the same to team members.
- Revamped Angular 1 code to Angular 4.
- Developed components and pages for Anagraphica (**Registry management portal**).

Cloud Compliance tool

DXC's Cloud Apps Compliance tool is based on the standard 12 Factor Method for cloud applications (12factor.net). It calculates derived migration complexity for given source code and provides different types of reports

Roles:

- Worked in Angular 6 and developed web pages.
- Developed question answer page and functionalities on it.
- Developed graphs in report page based on the complexity data.
- Handled responsiveness of the UI pages.
- Developed the backend service api by using Node.js, Express and MySQL. Used Jasmine/Karma for unit testing of angular pages. Tested the Node JS service, by writing test suites using mocha, chai frameworks.

Technologies: Angular 6, Angular JS, Bootstrap, HTML5, CSS3, SourceTree, Git.

Public Cloud and containerization:

A public cloud is one based on the standard cloud computing model, in which a service provider makes resources, such as virtual machines (VMs), applications or storage, available to the public over the internet.

OpenShift

- OpenShift is the platform as service pas which allows us to build and run applications on the containers.
- Containerizing all the application layers ((Front end, Business logic and DB back end) and deploying the applications in OpenShift. Designing of pods and containers.
- Implemented enterprise solution applications based on OpenShift by Red Hat and integrated with Red Hat OpenStack Platform.
- Developed applications to showcase OpenShift features such as persistent volume, network policy and security and AWS wbs log storage.
- Developed an application to upload the files to filesystem, connect to Redis and MySQL.
- Created a microservice. Written a service in NodeJS and exposed an API to frontend layer which will connect to DB and Redis.
- Created demo videos and described the features and created documentation.

Technologies:

OpenShift, Docker, Kubernetes, Jenkins, Node JS.

Hewlett Packard Enterprise

Designation: Technical Consultant II

Period: October 2015 to March 2017.

Team: Cloud Native Team

Develop applications to evangelize HPE Helion Stackato. HPE Stackato is a Platform as a Service (PaaS) based on Cloud Foundry technology and Docker container that enables developers to rapidly develop, deploy, and scale cloud applications.

Projects Worked:

Fraud Check Criteria Maintenance

Fraud Check Criteria Maintenance provides a user interface to the guidance application super users and client administrators for input of fraud check rules and criteria.

Roles:

- Owned and developed complete front end stack.
- Developed features of the application functionality i.e. CRUD (Create, read, update, delete) features, Panel functionality with expand/collapse. Implemented various Validation Controls for client-side validation and implemented custom validation controls. Auto complete functionality for few fields.
- Involved in writing application level code to interact with APIs, RESTful Web Services using AJAX, JSON.

- Setup the Jenkins based CI/CD pipeline to deploy on Stackato cloud
- Designed and developed the application using agile methodology and followed TDD, Scrum.

Technologies: Bootstrap, JQuery, AJAX feature, HTML5, CSS3, Jenkins, JMeter

Website Quality Checker

Website Quality Checker is a utility which allows companies or individuals to check the quality of a particular website by validating links and email addresses.

Roles:

- Owned and developed complete front end stack
- Worked with the back end team on integration and performance tuning.
- Made AJAX calls using JQuery for getting the data and parsing it for showing on the web page.
- As part of development, implemented dynamic tab functionality using toggable bootstrap JavaScript framework. Implemented Pagination functionality using Third party JS plugin for pagination built on Bootstrap.
- Proactively involved in code review and received required comments and inputs from team members. Fixed the issues /defects which was raised by testing team.

Technologies: Bootstrap, jQuery, HTML5, CSS3, JavaScript, Jenkins.

Notification System – Vodafone India:

Notification service is a standalone messaging system which can send email, sms and push notifications. Messages can be received from different apps or languages by pushing in to RabbitMQ.

Roles:

- Developed a Node JS app which keeps listening for the incoming messages from RabbitMQ and sends email.
- Implemented mail functionality with attachment, templates, XML and JSON format support, email validations, failure notification.

Technologies: Node JS, RabbitMQ, Jenkins.

HCL Technologies:

Designation: Lead Engineer

Period: September 2011 to July 2015.

Client: Juniper Networks

Juniper JT tool: (Deputed in Juniper Networks Bangalore)

JT stands for JUNOS Test system. It provides platform for test automation. It is a set of Perl modules that provides a framework to help user to perform common router testing tasks.

Roles:

- Creating new content applications and responsible for development in JT modules.
- Understanding the testing team requirements and developing the generic modules to support testing team needs in automation.
- Proactively involved in many major enhancements works and creating new Perl scripts.
- Worked and provided enhancements on clean config tool.

Technologies: Object oriented Perl, Routing Protocols, and Router Testers testing framework.

Scaling and Performance team (SNP):

Role name: Developer

Worked in Scaling and performance (SNP) team under SBU (security BU). Project involves testing the performance factors such as UDP & HTTP throughput of SRX routers on different junos releases.

Roles:

Created Dashboard to visualise aggregated logs from different router scripts.

Technical environment: HTML, CSS, JavaScript, JQuery, IXIA, Spirent, Agilent, JUNOS, Routing protocols.

Juniper Params Tool:

Designation: Software engineer

It is a standalone system that finds hardware (Routers, Router Testers, etc.) that fits your testing needs according to the parameter specified in it.

Roles:

- Responsible for developing code and solving complex time out issues encountered by users while using params tool.
- Enhancement done for adding, linking, unlinking, deleting modules. This is enhancement which enables a way to track who and when the changes are made to the database.

Technologies: Integrating Database with Perl, PostgreSQL, and Perl development.

Technical Exposure: Self Projects:

Team Akni –Super SMS:

- Developed a hack “super SMS” which allows you to take actions over SMS in Sequoia hackathon conducted on Sep 2014 where 500 + developers hacked on 11 tracks and we were the proud winners. Participated in Sequoia Hackathon, 2016.

Onsettings.com

- Developed a hack "One settings", which is a one-touch platform to manage all the settings of online services like Gmail, twitter, Tumblr, etc simultaneously. Presented our hack in Freedom hack day event organized by Inmobi Technologies.

Flipbox

- Participated in Flipkart hackathon 2015 and developed a cool way to compare products in mobile app.

Educational Chronicle:

Course	Institution	Year of Completion	% Secured
Engineering (Computer Science)	SNS College Of Technology (Anna University)	2011	9. 22(CGPA)
HSC	Venkatalakshmi matric higher secondary school	2007	89.08
SSLC	Venkatalakshmi matric higher secondary school	2005	86.54

Achievements

- Won **Sequoia hack 2014** with prize money of 2 lakhs rupees.
- Awarded **My Recognition @hpe** in Manager-to-Employee FY16 program for my hard work and dedication to excellence.
- Proud achiever of "**Live wire award**" presented by HCL in recognition of outstanding contribution towards the success of Juniper tools engagement.
- University rank holder and medal holder for the same.**
- Class topper in all semester exams during engineering graduation.

Place : Bangalore

Date : 11.02.2019

Signature

(R.NIVETHA)