1/23/2023

Re: Ravichandran Balashanmugam

To Whom It May Concern:

This letter is to verify that Ravichandran Balashanmugam was employed by Private National Mortgage Acceptance Company (Pennymac) as a Sr Applications Developer from November 22, 2021, to December 1, 2022. As a Human Resources representative of Pennymac, I have knowledge of Ravichandran's employment, including job duties during employment with Pennymac and records that reflect their work history.

As a Sr Applications Developer with Pennymac, Ravichandran Balashamugam was responsible for design and coding, designing database schema, and writing complex SQL functions, stored procedures, triggers, and views. Worked closely with line of business to solve various business problems, providing technical and architectural guidance to team members, code review for onsite and offshore team members, and collaborated with the development team regarding AWS EC2 instance issues. In addition, Ravichandran created highly secured Web APIs, worked on .NET core migration and upgrades, worked on complex modules and initiatives, and provided production and release support.

During Ravichandran's employment at Pennymac, Ravichandran demonstrated in-depth knowledge and experience in .NET 4.6, .NET Core, Entity Framework, Entity Framework Core, ASP.NET Web API, ASP.NET MVC, SQL Server 2018, TFS, GIT, Azure Pipeline, jQuery, JavaScript, Ajax, and AWS.

Please do not hesitate to contact me if you have any questions regarding Ravichandran Balashanmugam's employment with Pennymac.

Sincerely,

Shana Sagasta
Operations Manager, Talent Acquisition
Mobile: 623.330.8737
shana.sagasta@pennymac.com
PENNYMAC.COM

randstad
technologies

December 17, 2021

To Whom It May Concern:

This letter is to confirm that Mr. Ravichandran Balashanmugam was employed with Randstad Technologies, from October 18, 2019 through November 19, 2021 on a full-time basis in the position of Senior Software Developer.

Mr. Ravichandran Balashanmugam was responsible for the following duties for the full duration of his employment with Randstad:

- Be part of the Agile team and responsible for designing, developing Microsoft .net services for the Digital Adoption.
- Be responsible to build and test /services and deployment support during production release.
- Experienced in Salesforce Lightning Component, Apex, marketing cloud, .NET, ASP.net, Web Services, Jenkins, Bitbucket, MVC, JASON, XML, postman, SoapUI, JavaScript, and SQL Server.

Please feel free to contact us should you have any further questions.

Sincerely,

Erin Serverius
Operations Specialist

October 18, 2019

211 Quality Circle
College Station, TX 77845
Toll-Free (855) 789-4268
Phone (979) 691-7700
Fax (979) 691-7750
www.Cognizant.com

Re: Ravichandran Balashanmugam(363721)

TO WHOMEVER IT MAY CONCERN

This letter is to confirm the direct employment of **Mr. Ravichandran Balashanmugam (363721)** with the Cognizant family of companies worldwide, on a full time (35-40 hours per week) basis.

Internal Band Level	Start Date	End Date	Location
Associate	January 16, 2013	February 12, 2013	India
Associate - Projects	February 13, 2013	June 30, 2015	India
Sr. Associate - Projects	July 01, 2015	November 01, 2015	India
Sr. Associate - Projects	November 02, 2015	October 17, 2019	United States

At Cognizant, we employ an internal band level with an official grade description as specified in this letter; however, Cognizant Business Units have mapped this official grade description to that of functional job titles. Therefore, in addition to the band level/ grade description provided in this letter, the employee will have had an official functional job title which is not captured in this letter.

As Associate, Mr. Ravichandran Balashanmugam was responsible for identifying detailed technical gap analysis of major areas of the application that we have customized like data input screens, forms, data grids, user activity, events and customized functionality which deal with business processes and move it to the new web layer, Testing Web Services, Web API calls using Fiddler and Postman tools, perform Root Cause Analysis of application issues by writing queries, running performance test using LoadRunner and determine data related issues if any and solve for application bottlenecks.

As Associate Projects, Mr. Ravichandran Balashanmugam was responsible for working in C#, .NET Framework, Web Services, SQL server, REST API, Alfresco, Angular 2, typescript, AWS, POSTGRESS Snowflake and Empower to enhance and customize the product for banks use, customize the Loan Origination processes like Loan Coordinating, Underwriting, Closing, Pricing, Funding, using BKFSs Empower LOS, Empower Setup for the banks need, Design Secure REST APIs as backend services using OAUTH mechanism to perform and assist the overall loan application process from the banks website, implemented Single Sign On SSO, Create dashboards using Angular 2 and Firebase to assist business users with a view on number of loan applications, status and various stages the loan is in with a feature to upload documents.

As Sr. Associate Projects, Mr. Ravichandran Balashanmugam was responsible for deploying REST API and frontend code in AWS EC2 instance, created RDS instance in AWS console using cloud formation template, delivery of overall technical solution, design of business modules, functional components and user interfaces, work with product managers and business partners to identify business problem statements, use cases and translate them into user stories that conform to ATDD standards, support release deployments from an IT perspective during the monthly or biweekly releases, work with technical architects to ensure newly created REST APIs conform to the banks standard. He was building CICD pipelines using GitHub, Jenkins, build Splunk logs, dashboards for monitoring APIs. He was participating in Peer Code review and performance improvements in Code execution.

As Sr. Associate Projects, Mr. Ravichandran Balashanmugam was also responsible for involving in application design and Architectural sessions with project managers, business analysts and team members to analyze business requirements, involve in Application retrospective and process improvement

sessions. He was responsible for creating and deploying web applications using Angular 5, Typescript, ASP.NET MVC, ASP.NET Web API, WCF, jQuery, JavaScript, Node.js, PowerShell, Python, Entity Framework, PostgreSQL, Snowflake, SQL Server, AWS EC2, AWS ECS, AWS S3, AWS IAM Services. He was responsible to attend and handle SCRUM ceremonies such as Standup, Sprint Grooming, Sprint Planning, Sprint Demo, Sprint Retrospective. He was responsible to participate in business requirements discussion with Product Managers and Business Analyst and convert those requirements in to user stories in JIRA board.

Mr. Ravichandran Balashanmugam gained experience in the following:

- Programming languages frameworks and tools: C#, MVC, ASP.Net, ADO.Net, WCF, WebAPI, WinForms, LINQ, Entity Framework, JSON, Angular 2, Angular 5, Splunk, Postman, Fiddler, Jenkins Spring boot REST API, Python
- Scripting tools: jQuery, JavaScript, Node.js, Typescript, PowerShell
- Operating Systems: Windows XP, 2007,2010
- Database and Tools: SQL Server 2012, SQL Server 2016, Oracle, PostgreSQL, Snowflake, SSIS
- Cloud technologies: AWS EC2, S3, RDS, Cloud formation Template
- Agile Tools: Version One, Jira
- Version Control Tools: GitHub, VSTFS, TortoiseSVN

Sincerely,
For **Cognizant Technology Solutions U.S. Corporation**

Nivia Taboas
HR Representative
October 18, 2019

June 3, 2011

RAVICHANDRAN.B
19-12-A-26, Periyannan Gounder Nagar,
Cauvery Nagar, Mettur Dam-1,
Dist – Salem- Tamilnadu Pin Code- 636401

Dear Mr.RAVICHANDRAN. B

Sub: Exit Clearence / Experience Certificate

This is with reference to your resignation letter dated April 22, 2011

You are being relieved from the services of the company effective close of business hours today – June 3, 2011.

You have worked as ".Net Programmer" in the company from January 11, 2010 to June 3, 2011and your performance during this period was good.

As .NET Programmer of Cyberindigo Net Pvt Ltd, Mr. Ravichandran was responsible for Analysis, Coding and Unit Testing of the application, involved in deployment activities, created database design, Created Technical design document, involved in Software Configuration Management activities, provided support for DNN applications and web applications, developed and maintained numerous complex stored procedures and triggers, involved in requirement gathering, involved in project migration activities, addressed technical issues of the reporting team members and helped them to fix it, Bug hunting & fixing, developed efficient customer solutions, web pages designed and developed solutions to meet customer needs, created cascading style sheets, created many user controls(chart control, graph control, calendar control)

Mr. Ravichandran gained experience in .NET Programming Language, DotNetNuke, Classic ASP, JavaScript, JQuery, SQL Server and SCORM packages.

Full and final settlement of all your dues will be processed by the payroll department.

We wish you all the very best in your future endeavors.

Regards and best wishes

For Cyberindigo Net Pvt. Ltd.,

Authorised Signatory

April 20, 2017

To Whom It May Concern:

This letter is to confirm the work experience of Mr. **Ravichandran B** (Emp ID: 21625) for **Hexaware Technologies Ltd.**

Mr. Ravichandran B held the full-time position of Software Engineer for Hexaware Technologies Ltd from June 20, 2011 to Jan 11, 2013)

As Software Engineer of Hexaware Technologies Ltd, Mr. Ravichandran B was responsible for: Analysis, Design, Coding and Unit Testing, Developed Cascading Style Sheets (CSS), Developed user/performance evaluation documents for the end user's, created high level design document for requirement gathering and for better understanding of the project, provided production support, created XSLT for applying styles to the report which generated by using OpenXML, resolved many technical issues, provided knowledge transfer to the new team members, involved in designing database and created complex stored procedures, views, learned and implemented new technologies in a very short span of time.

Mr. Ravichandran B gained experience in .NET Programming Language, Entity framework, ASP.NET MVC, JQuery, Single page application, JavaScript and SQL Server.

This letter is issued for the purpose of applying for GC application.

Sincerely,
For **HEXAWARE TECHNOLOGIES LTD**.

Jacob P.U.
Associate Vice President- HR
April 20, 2017

Hexaware Technologies Ltd., (Unit - II), Plot No. H5, SIPCOT Information Technology Park, Navallur Post, Siruseri - 603 103. Kanchipuram Dt. Tel.: +91-44-4745 1000 Fax: +91-44-4745 111

Regd. office : #152, Millennium Business Park, Sector -3, TTC Industrial Area, Mahape, Navi Mumbai – 400 710, India. Tel.: 91-22-6791 9595   Fax: 91-22-6791 9500