**PRINCE SEHGAL**

|  |  |
| --- | --- |
| 91-9802915930 | [symbolizee@gmail.com](mailto:symbolizee@gmail.com) | [LinkedIn](https://www.linkedin.com/in/prince-sehgal-97564271/) |  |

Synopsis

I am currently working as **full stack developer**, having **6 years of rich experience** in application development and having a proven track record of handling projects under strict timelines.

My current job role is **individual contributor** and I am creating **Chat bots** using **Microsoft Bot framework**. I also have experience of creating enterprise web apps from scratch using **open source technologies** with a strong technical background. I look forward to challenging roles, which would give me exposure to multiple domains, processes and technologies across industry verticals.

Technical & Functional Skills

* Expertise in **Microsoft ChatBot**, **LUIS** and **Microsoft Cognitive services.**
* Expertise in **Python** scripts integration using **CGI** in **web app**.
* Expertise in developing applications using **Node**, **React**, **Express, Typescript, mongo db**.
* Expertise in UI development using **HTML5, JQuery**, **Ajax.**
* Expertise in **Google Graph API, D3 Graph**, **Web API**.
* Expertise in **Agile methodology,** worked as **scrum master** and taken daily stand-ups, helped in minimizing impediments and delivering sprint stories on time.
* Expertise in developing rich applications using **C#, WPF**, **ASP.NET**, **WCF, MVC, Entity Framework**, **Enterprise Library**, **Web Services**, **Infragistics UI**, **GitHub** and **TFS**.
* Expertise in **TFS**, experience of creating **vNext** Build and automate the complete deployment for all environments using **CICD** and **Jenkins**.
* Expertise in data migration by writing **SSIS packages** and **SQL Jobs**.
* Ability to manage a team of developers ensuring best practices.

Employment Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Mercer India Consulting Pvt. Ltd.** | **Senior Software Engineer** | | **Aug 2015 to Present** |
| * Providing business showcase to client before a major functionality has delivered. * Responsible for Estimation of task efforts and Updating Project related documents. * Interact with Client and Business Analyst to understand their requirements and query resolution. | | | |
| **NIIT Ltd.** | **Software Engineer** | **May 2014 to Aug 2015** | |
| * Involved in development and implementation of ERP & web apps in e-Learning domain. * Interfaced stored procedures and triggers for application in both T-SQL and PL SQL * Managed small team and conducted code review. | | | |
| **Lio Technologies Pvt. Ltd.** | **Application Developer** | | **Jan 2012 to May 2014** |
| * Worked as .NET developer having various responsibilities such like dealing clients, briefing requirements, delivering required functionality. * Trained candidates doing their industrial training based on the client project. | | | |

Project Summary

1. Chat bot

Chat bot is a solution created based on Microsoft bot framework purely using java script and integrated with Microstrategy dashboards. It helps client to interact directly with data cubes by writing queries in natural language.

|  |  |
| --- | --- |
| Client | Mercer Finance Team |
| Duration | Sep 2017 – Till Date |
| Team Size | 1 |
| Language/Environment | Java script, Node, Mongo db, Express framework, LUIS, Microsoft cognitive services, Microsoft Bot Framework |
| Role | Individual contributor |

**Responsibilities:**

* Implemented LUIS for natural language processing.
* Implemented chat bot end points using express js in node.
* Implemented Microstrategy JSON data API to pull data directly from cubes.
* Implemented mongo db to store data coming from Microstrategy cubes.
* Implemented Python CGI server and integrated in chat bot using node to execute python scripts with real time data and forecast values based upon existing data.
* Created complete structure from starch in node parallel to Microsoft bot framework.
* Created rich chat UI using Bootstrap 4 to interact with user.
* Created plugins using jQuery UI like carousel, fancy box, Microstrategy prompts.
* Implemented Chat export feature using java script.

1. MBM – MercerOS Boilerplate Manager

MBM is web-based application that allows developer to opt technology on the fly and creates boilerplate as per selection.

|  |  |
| --- | --- |
| Client | MercerOS Team |
| Duration | Oct 2016 – Sep 2017 |
| Team Size | 5 |
| Language/Environment | Typescript, Javascript, React js, Node, Mongo db, Express framework |
| Role | Sr. Software Engineer |

**Responsibilities:**

* Created components using react js for different functionalities.
* Implemented react routes to connect different modules.
* Implemented flux architecture in react.
* Implemented mongoose to connect mongo db.
* Implemented gulp to automate code deployment tasks.
* Implemented gulp live server to run application.
* Used reactify for jsx transformation and browser-sync to update code changes without restarting gulp live server.
* Used jQuery as rest helper to get data from external/ existing project.

1. GDD - Global Disclosure Database

GDD is a repository, which has capabilities to analyse the compensation and benefit data in the proxy statement for Top Core research group companies listed in various geographies. Proxy analysis is used in the Talent business to collect rewards-related data disclosed in proxy statements and annual reports from S&P listed companies' across geographies for their Top Executives and Board of Directors.

|  |  |
| --- | --- |
| Client | Mercer |
| Duration | Aug 2015 to Sep 2016 |
| Team Size | 8 |
| Language/Environment | C# , WPF, Web Api ,WCF, Entity Framework, ASP Classic |
| Role | Sr. Software Engineer |

**Responsibilities:**

* Worked on WCF Data Contracts, Message Contracts and Fault Contracts.
* Worked on WPF and created user controls using MVVM.
* Used Entity Framework for Database, Used Data first model of Entity Framework.
* Used Lazy as well as eager loading in Entity Framework 4.0.
* Implemented SSIS packages to pull data from WEBCAS and displayed in GDD.
* Implemented SSIS to migrate Kepler database and gdd database.
* Interfaced with the business stakeholders to understand the functional requirement of the product and interfaced with Engineering Team to help them understand the requirement.
* Managed the Product Backlog and wrote features and user stories to help engineering team consume the requirement in a self-explanatory manner.
* Worked in purely Agile and Dev Ops methodology. Used all scrum ceremonies like Kanban board, Story pointing using Fibonacci series.
* Agile Product development using scrum, Sprint Planning. Responsible for SIT, UAT and production environment and deployment releases.

1. Quick School

NIIT Quick School is a comprehensive, Education Resource Planning solution designed especially for schools. Quick School is not just a software package. A solution seamlessly integrates information from all functions and presents it in any desired format.

|  |  |
| --- | --- |
| Client | CBSE Schools |
| Duration | May 2014 to Jul 2015 |
| Team Size | 11 |
| Language/Environment | C#, Mvc, Web Api , Google Graph API, Microsoft Enterprise Library, Infragistics UI |
| Role | Software Engineer |

**Responsibilities:**

* Worked extensively on JQuery and MVC.
* Worked on Razor syntax and HTML helper classes.
* Worked on complex view design and used View-Model approach.
* Worked on Infragistics library and integrated with jQuery and MVC.
* Worked on JQuery widgets and JQuery UI.
* Worked on Authentication, Authorization, and validation in MVC.
* Worked on ASP.Net AJAX and State Management.
* Worked on C# Dot Net 4.0 concepts like Named and optional parameters.
* Implemented repository pattern and Microsoft enterprise library to connect database.
* Interacted with client and showcase project GUI with functionality.

Education & Certifications

* **BCA** from MDU, Rohtak in **July, 2012**.
* **ACCP (certification)** from Aptech Computer Education, Rohtak in **2012**.
* **12th** from Vaish Sr. Sec. School, Rohtak in **2009**.
* **10th** from Geeta Vidya Mandir School, Rohtak in **2007.**
* Participated in **virtual Tech-days** conducted by **Microsoft Corporation**.

Rewards and Recognitions

* **Rising Star**, for remarkably integrating SSIS with GDD Application, May 2016.
* **Performer of the month** award for putting phenomenal efforts, July 2014.