Yash Kirti Chheda

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SUMMARY

- 5 years of experience in Software Application Development, Web Application Development and Maintenance support of the application.
- Experience in handling business process modelling and client interaction.
- Experience with Appian Low code platform and also with their proprietary SAIL framework built on top of Java and React.js.
- Good experience working on the Microsoft .NET platform for developing backend micro services.
- Experience in designing and developing Responsive UI with Vue.JS, Razor Views, HTML5, jQuery, Bootstrap and Foundation classes.
- Hands on experience with the latest technologies like Node.js, AngularJS and MongoDB which I learnt in my master's curriculum.
- Experience in developing user-friendly, aesthetically pleasing User Interface.
- Experience in support documentation, debugging, fixing defects, operation, sustenance and maintenance of end-to-end systems.
- Good understanding of Software Development Life Cycle (SDLC) and Project Management Life Cycle.

TECHNICAL QUALIFICATION

- **Programming Languages:** C#, Java, SAIL
- **Web Technologies :** ASP.NET Core, MVC, Web API, HTML5, CSS3, Razor Views, JavaScript, Vue.Js, Vuex, SASS, PHP, XML, JSON, REST, WCF, Swagger UI
- **Frameworks:** Node.js, Express, AngularJS, Yii, Bootstrap, jQuery, Jade, Material Design, Entity Framework Core, Spring
- **Databases:** MS SQL Server, MySQL, Redis, MongoDB, Postgres SQL
- **Source Control Systems:** Git, TFS, BitBucket
- **Message-Queueing:** RabbitMQ
- **DevOps Tools**: Docker, Kubernetes, Azure DevOps (VSTS)
- **Cloud**: MS Azure, AWS

WORK EXPERIENCE

Application Engineer at Appian Corporation, McLean, VA   **(Oct 2020 - Present)**

- Developed customer applications on the Appian Low Code Platform by using the SAIL programming language.
- Developed many integrations and web API's for the web service calls in and out of Appian.
- While developing new applications provided maintenance for the existing one also triaged and handled the support requests for the applications deployed in production and used by customers.
- Developed new applications by using all the methods of SDLC like gathering requirements, preparing design, developing, testing and maintaining the app all by myself.
- Automate operational functions in the team and bring efficiency.
- Kept dog-fooding the Appian platform with new product releases.
- Mentored new Appian developers and brought them to speed.

Software Engineer at One American Bank (acquired Ethos Lending LLC), Irvine, CA   **(Dec 2016 – Oct 2019)**

- Developed micro-services using .NET Core 2.1, C# 7 and Web API. The WebUI was built with Vue.js and Razor Views. The database used was MS SQL Server. Services were deployed to Azure app service containers.
- Created the Azure API Gateway (API Management Services) with policies to route the request from external Third-Party clients through the micromesh (an inbuilt conversation logging proxy) to the backend microservices.
- All the requests from the API Gateway needs to be validated against the Identity Server4 for authorization by obtaining the access token to communicate with the backend services using the OAuth 2.0 framework.
- Created CI/CD (built/release) pipelines and tasks for the deployment of the microservices.
- Used Application Insights for better UI exception logging.
- Developed unit and integration tests for the code coverage (coverlet framework).
- Used Swagger UI to render documentation for an API defined with the OpenAPI.

- Transitioning the inbuilt developed queue to RabbitMQ.
- Currently working on the SSO feature for single login of all the apps.
- Container management using Docker by writing Docker compose files.
- Used Entity Framework Core for data retrieving, querying, storage and updating.
- Utilized LINQ to SQL for retrieving data and for inserting and updating the data into the database.
- Used Git for committing, pushing file and for project tracking have used Visual Studio Team Services as source control.
- Developed Plugins to configure with Encompass SDK and update loans in Encompass using WinAPI.
- Developed forms, merged the data from the database/Encompass and implemented the eSign feature developed inbuilt.
- Refactored the current Broker Portal to a completely new design and a cleaner UI using the Server-Side scripting.

Full Stack Web Developer at Zagace Inc., San Jose, CA   **(Jun 2016 – Nov 2016)**
- Developing SAAS based ERP software solution with Yii PHP MVC Framework and Postgres SQL database on the backend.
- Developed nested forms and implemented field which stored and retrieved value to and from the database.
- Developed migration scripts to manage the database changes on the production server.
- Developing the front-end using HTML, CSS, JavaScript, JavaScript frameworks like AngularJS, Bootstrap and jQuery.

Web Developer at California State University, Fullerton   **(Jun 2015 – Dec 2015)**
- Developed, upgraded and maintained department's webpages using the web technologies (ASP.NET, C#) and Better CMS.
- Inserted Google Analytics & developed the web forms on formstack and integrated it with Google Docs and WebMerge.

Software Development Coordinator at CavIT Pvt. Ltd., Mumbai, India   **(May 2013 – Aug 2014)**
- Developed the web-application for vacation portal based on the web technologies (ASP.NET, VB.NET) and MS SQL Server.
- Developed websites using HTML5, CSS3, JavaScript and jQuery.

EDUCATION QUALIFICATION

- **M.Sc., Computer Science**   **(GPA: 3.73 out of 4.0)**   **(Aug 2014 – May 2016)**
  California State University, Fullerton, CA, USA
- **B.E., Information Technology**   **(GPA: 3.5 out of 4.0)**   **(Aug 2009 – May 2013)**
  University of Mumbai, Mumbai, MH, India

ACADEMIC PROJECTS

- **Twixer:** Built a community-based Twitter gateway, allowing groups of users to post to twitter as a group. Individual users can submit updates, but they will not be posted to Twitter until other members of the group agree that they should be published. Users can submit new updates, edit existing unpublished updates, or vote existing unpublished updates up or down. When an update reaches a given number of votes, it will be published using the REST API calls on the Twitter. (**Node.js (Express), HTML5, CSS3, JS and Twitter REST API**)
- **Virtual Test Center:** Developed as a goal of connecting students to professor. Made a portal for giving an online quiz. Updating post as well as quiz result analysis charts real time using socket.io and MongoDB. **(HTML5, CSS3, JavaScript, jQuery, AJAX, Node.js, MongoDB, Socket.io, Chart.js)**
- **Stock Market Recommendation**: Implemented a system that recommends the stocks to users based on the current stocks in their portfolio. The system uses k – means clustering algorithm on historical NASDAQ data to cluster the stocks. (**MySQL Database, PHP, WEKA**)
- **Real-Time Editing System:** It is a groupware system that allows group of users to view and edit the same document at same time. A user can create or upload a document and invite another user to contribute to that document. It provides access privileges settings to the owner of the document. **(HTML, CSS, PHP, JavaScript, jQuery, Node.js and SQL)**
- **Metamorphic Virus Detection:** The system detects the presence of metamorphic virus in a file using the HMM model reference. The metamorphic virus is created using the NGVCT tool and fed into our system and will display whether it is a metamorphic virus or no. (**Java, Swing, NGVCT tool**)
- **Live Solar System (LSS)**: The project live solar system is based on the concept of augmented reality. It was basically a pattern recognition system. The marker traced by the camera would display the corresponding 3D model. (**Action Script 3.0, Blender, Adobe CS5 Professional**)