Bhavya Bhandary

Senior Software Engineer

***SUMMARY***

* Enthusiastic Senior **Ruby on Rails** developer with over 10 years of **IT** experience in various **SDLC** phases such as requirements gathering, analysis, implementation, maintenance of software applications and testing client/server and web applications
* Experience in Design, Development, and implementation of **Model-view-controller** framework using **Rails**
* Experience in implementing **Rails Migrations, Active Record** and **Action Mailer**
* Strong knowledge using the (**CRUD**), create, read, update, and delete functions
* Experience working in **Linux** and **Windows** environments
* Experience working with teams that follow **Agile Software Development methodology**
* Strong experience with Distributed Version Control and Collaboration tools like **GIT** and **GITHUB**
* Excellent skills in Web Technologies like **HTML5**, **CSS3**, **JavaScript**
* Strong experience with client-side front-end frameworks and libraries such as **jQuery**, **Bootstrap**
* Experience in Preprocessor Scripting Language like **Sass**
* Experience using relational database such as **PostgreSQL, MySQL**
* Proficient in Structured Query Language (**SQL**)
* Experience with deploying the application to **Heroku**
* Extensive experience in developing the enterprise business applications using IDE like **Sublime Text** and **Visual Studio Code**
* Involved in implementation & Support project of **SAP** versions SAP R/3 version **4.7C**, SAP R/3 version **ERP 5.0**, & SAP R/3 version **ECC 6.0** adopting best practices in development, testing, code reviews & performance tuning and run time analysis

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***EDUCATION***

* Bachelor of Engineering in Electronics and Communication from Visvesvaraya Technological University (VTU), India

***TECHNICAL SKILLS***

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| Frameworks | Ruby on Rails, Bootstrap |
| Web Technologies | HTML5, CSS3, JavaScript, jQuery, Sass |
| Languages | Ruby, SQL, SAP-ABAP |
| Deployment Tools | Amazon S3, Heroku |
| Operating Systems | Linux, Windows |
| Databases | PostgreSQL, MySQL |

***PROFESSIONAL EXPERIENCE***

***Break Diving Inc. Jan 2019 to Present***

***Port Chester, NY, USA Senior Software Engineer***

**Responsibilities**:

* Worked in the design and development phases of the application using the **ROR framework**, providing input on feature requirements, managing projects to completion, testing and deploying the application on **Heroku**
* Involved in creating an automatic certification feature that reduced the end-user work time by **90%**
* Increased the **system performance** of the application up to **30%** by reducing the number of **n+1** queries and implementing **eager loading**
* Assisted with **deployment** and **implementation** of applications in **Heroku and AWS**
* Worked on optimizing **SQL queries** to improve the background processing time
* Identified an issue with leaderboard scores and solved it by writing a new **active record query**
* Provided **validations** and **scope** for many models in the database and created **associations** within Models
* Scheduled **cron jobs** using **whenever gem**
* Resolved many **production errors** by analyzing the data from **Sentry**
* Worked on creating pagination using **will\_paginate** and **pagy** gems
* Added **HubSpot** application form to the app
* Integrated **stripe** to handle payments
* Worked on upgrading from **Rails 5** to **Rails 6**
* Created **seeds** for **development** and **production** environments
* Added **captcha** to signup form
* Integrated **merit** gem to implement Badges
* Work on performance bottlenecks and find ways to reduce resource usage
* Find the reported error, **debug**, and **fix code**
* **Mentor** and help junior developers with **Rails setup** and other development issues
* Used **GIT** version control system with **GitHub** Services
* Extensively involved in **debugging** and code Refactoring using gems like **paper trail gem**

**Environment: Ruby 2.6.7, JavaScript, HTML5, CSS3, jQuery, Bootstrap, PostgreSQL, GitHub, Git, Heroku and AWS S3**

***Reading Community Learning Center Oct 2017 to Aug 2018 Reading, UK***

***Front End Developer***

**Responsibilities:**

* Build web applications with web development best practices
* Transform app designs into front-end code with **HTML, CSS, and JavaScript**
* Gather and refine specifications and requirements based on technical requirements or UX design
* Debug errors, troubleshoot issues and perform routine performance optimizations
* On-site search engine optimization (**SEO**)
* Write high-quality, scalable, and reusable code
* Delivered responsive, Cross-browser compatible, and accessibility compliant website
* Produced stunning visual elements of web applications by translating UI/UX design wireframes into code while producing high quality, reusable markup using **HTML5, CSS3, and JavaScript**

***Unistar Infotech Services Aug 2010 to Jan 2011***

***Mumbai, India***

***SAP ABAP DEVELOPER***

**Responsibilities:**

* Involved in the implementation and support projects in **SD, MM & FICO** modules, adopting best practices in development, testing, performance tuning, and runtime analysis
* Work closely with **SAP** functional specialists to deliver, maintain & troubleshoot and enhance SAP functionality
* Analyze functional specifications and develop technical specifications & unit testing
* Support business implementations by sharing the best practice development skills
* Extensively worked on transferring data from legacy to SAP system using various data transfer techniques such as

**LSMW** and **BDC** (Call Transaction and session method)

* Developed and modified existing forms using **SMARTFORMS** and **SAP Script**
* Migrated **SAP Script** Layout to **SMARTFORMS**
* Developed many ABAP **Classical, Interactive,** and **ALV** Reports
* Develop technical specifications and works with BASIS and functional experts to complete object development and testing
* Recognize the critical elements of complex application problems, develop, and evaluate data, determine solutions, and make logical recommendations
* Manage own workload, accurately estimate effort for tasks, work with business users on priorities/goals, and work towards meeting those goals

***Satyam Computer Services Dec 2007 - Mar 2010***

***Bangalore, India SAP ABAP Developer***

**Responsibilities:**

* Responsible for design, development and implementation and support projects in **SD**(Sales & Distribution), **MM**(Material Management) & **FICO**(Financial accounting and controlling) modules, adopting best practices in development, testing, and performance tuning and runtime analysis.
* Analyzed business requirements and provided solution
* Created and maintained ticket analysis dashboard
* Interacted with functional team to resolve the issues in the given objects
* Debugging the issues related to customized programs
* Development of Technical specification documents for the assigned work
* Coding and creation of unit test plans for the objects developed
* Improving the performance of the existing development programs which gives faster output
* Created output for billing documents using **Smart Forms**
* Extensively worked on Reports (**Classical, Interactive,** and **ALV**), **Dialog Programming**
* Worked on the creation of **Data Dictionary Objects** like **domains, data elements, structures, tables, views, search helps & lock objects**
* **ALE/IDOC** status monitoring

***V-Guard Industries Ltd Aug 2006 – Oct 2007***

***Bangalore, India Data Analyst***

**Responsibilities:**

* Developed an automated monthly sales comparison **analysis report** reducing the report generation time from six hours to one hour
* Developed a **customer complaint dashboard** which was helpful to find the bottlenecks of the products
* Automated various sales reports using **data analysis techniques** which helped to reduce the work time
* Responsible for loading, extracting, and validating of **large** volumes of confidential data
* Automated **various** sales reports using data analysis techniques, which made a considerable difference in the workload of the team
* Designed and developed customer complaint dashboard which was helpful to find the bottleneck of the products