Shailendra Gusain
Email: shail9689@gmail.com
Mob: +91-8527980261

Summary

Software Development professional with more than ten years of experience programming in C# with ASP.NET Core, ASP.NET MVC. Highly skilled in developing distributed applications, cloud based services, web application development, debugging and troubleshooting.

Work Experience

Tech Lead   Apr, 2021 - present
RVU India (Inspop Com Ltd.)

KEY RESPONSIBILITIES
- Helping the team in creating Cloud based solutions
- Leading the full-stack development team
- Ensuring Code quality
- Code reviews and optimizations
- Creating end goals for the team
- Maintaining standards across the projects

TECH STACK
Azure, Azure Functions, Cosmos DB, APIM (API Gateway), ASP.NET Core 3.1, Entity Framework Core 3.1, SQL Server, Redis

Senior Software Developer   Aug, 2018 – Apr, 2021
RVU India (Inspop Com Ltd.)

KEY RESPONSIBILITIES
- Formulating solutions to migrate legacy applications to the latest technology stacks
- Devising solutions and developing applications which are Cloud ready
- Developing and architecting Distributed Systems
- Use design patterns intensively to solve problems
- Exploring the latest technologies and trends to keep the product stack up to date
- Code optimization

TECH STACK
ASP.NET Core 3.1, Entity Framework Core 3.1, ReST APIs, Angular 8, SQL Server, Redis, NLog, Autofac, Automapper, Visual Studio 2019, TFS

Team Lead Software Development   Jul, 2015 – Aug, 2018
ActiKnow Consulting Pvt. Ltd. (earlier ActiKnow Business Consulting Pvt. Ltd.)

PROJECTS

1. **Re-design and port an Oracle Forms 6i based ERP System to ASP.NET MVC**
   Responsibilities
   - Formulating requirements into materialistic technical documents

- Reviewing technical obstacles and devising solutions to workout delivery
- Managing Deployments and delivery
- Code reviews
- Building and coding modular components for the team

Technologies

ASP.NET MVC 4, C#, Oracle 11g, Entity Framework, jQuery, Bootstrap

2. **React JS and GraphQL based CRM on top of Node JS with reporting modules**
   Responsibilities
   - Building the scope of application from raw requirements
   - Developing and Integrating components and artefacts

   Technologies

   React JS, Graph QL, SCSS, Node JS

3. **Angular based application for Aviation Industry to manage ground level traffic and vehicle stats**
   Responsibilities
   - Scoping out the requirements and translating into the technical document
   - Formulating the building blocks of the application
   - Setting up the environment and developing the basic application structure
   - Reviewing and optimizing the code

   Technologies

   Angular 4, Node JS, SQLite

4. **Multi-Tenant SaaS based Insights Analytics application in the domain of Construction for a client in the US**
   Responsibilities
   - Transforming requirements into technical documentation
   - Developing and Architecting the modules
   - Formulating and Structuring the application
   - Extricate the team to make smooth deliveries

   Technologies

   ASP.NET MVC 4.0, Angular JS, Microsoft SQL Server

5. **Transforming an e-learning flash application into an Angular JS based application for one of the biggest publishers in the US**
   Responsibilities
   - Handling a team of five developers
   - Designing the structure for the modules and templates
   - Integrating third party plugins to achieve goals
   - Helping the team to get through challenging situations
   - Reviewing and optimizing code
   - Generalizing the code
   - Writing Unit Tests

   Technologies

   AngularJS 1.5, Node JS, Karma, Jasmine

6. **SAAS(Software As a Service) Sales Tracking and Budget System for an Australian client**
   Key Features
   - Budgeting (Hierarchical)
   - Seasonality Data Generation
   - Budget Distribution based on Seasonality
   - Tracking Sales
   - Multi-dimensional reporting

- **-** Monthly Forecasting
- **-** Data Provider Integration (NetSuite, EXO, empower, Excel)

Responsibilities
- **-** Directing the team to provide most elegant solution possible
- **-** Planning the modules
- **-** Moving the projects sprint by sprint and executing scrums
- **-** Technically lead the team towards the success of each phase of the project

Technologies
ASP.NET MVC 4.0, Elastic Search, Angular JS, Microsoft SQL Server

7. **SAAS(Software As A Service) ERP System for one of Immigration Consultants in Australia**
   Key Features
   - Lead Management
   - Data management
   - Case logging
   - Documents manager with Amazon S3 integration

   Responsibilities
   - Planning and structuring the project
   - Leading the project throughout the development
   - Tracking issues and assigning them to other team members
   - Writing and reviewing code

   Technologies
   ASP.NET MVC 4.0, Microsoft SQL Server

Senior Software Developer   May, 2011 – Jul, 2015
TridentShoxx Labs, New Delhi

PROJECTS

1. **NLP (Natural Language Processing) Search Engine for searching Courses and Student Application Processing System**
   Developed and maintained a course search engine and complete dynamic educational web application on ASP.NET using C# for programming and SQL Server for database management.
   Key Features
   - Search courses offered by universities world wide
   - Spell check and suggestions to make the search effective
   - Search for universities
   - Browse from courses, universities, cities, countries
   - Check eligibility for the courses
   - Register and apply for courses
   - Upload and submit documents for processing
   Responsibilities
   - Design and develop modules for the application
   - Implementing Spell Check and suggestions module into the application
   - Developing pattern based search engine by bifurcating words into system recognized keywords
   - Understanding, analyzing and documenting the requirements
   - Configuring the application to run on different types of hosting environments whenever required by the client
   - Providing support for issues and enhancements
   - Debugging and troubleshooting the application
   Technologies Used
   ASP.NET, Microsoft SQL Server 2005, JavaScript, jQuery, CSS3

2. **Content Management System**
   Developed a page design level enhanced Content Management System (CMS) for educational web application.
   Key Features
   - Create pages for individual entities
   - Create widgets like image gallery, video gallery, map widgets, etc. on page
   - Preview pages before publishing
   - Manage data in widgets, images in gallery, maps, etc.
   - Store pages on database
   - Re-position widgets and page sections on the page

   Responsibilities
   - Decide and document the structure required
   - Design the database structure
   - Integrate the entire CMS with an existing working application
   - Use jQuery and CSS to the fullest to get the UI up

   Technologies Used
   ASP.NET, Microsoft SQL Server 2005, JavaScript, jQuery, CSS

3. **Lead Management System**
   Developed a lead management and franchise management system for one of the clients
   Key Features
   - Add/Manage leads
   - Role based work force management system
   - Lead status tracking
   - Processing documents
   - Single sign-on for multiple offices

   Responsibilities
   - Developing the database structure for the application
   - Coding the application
   - Developing the entire application
   - Implementing the business model into the application
   - Providing support

   Technologies Used
   ASP.NET, JavaScript, jQuery

4. **A Customized Email Client**
   Developed a customized filter based Email Client
   Key Features
   - Configuring incoming(POP) and outgoing(SMTP) mail settings
   - Automatic and Manual email fetching
   - Read, compose, reply, forward features
   - Attach images and view attachments
   - Filter messages based on the criteria
   - Categorize mail
   - Category based task automation

   Technologies Used
   ASP.NET, C#, JavaScript, jQuery

5. **User Tracking and Web based Live Chat Application**
   A web based user tracking and chat support system.
   Key Features
   - Invite an active user to chat
   - Create multiple agents (Customer Service Representatives) for chat support

- Agents can accept or reject a chat
- New message sound indication
- Search resources and notes on the dashboard
- View filtered online and offline visitors

Technologies Used

ASP.NET, SQL Server 2005, jQuery, JavaScript

6. **Short Message Service(SMS) Transmission Service using Short Message Peer-to-Peer(SMPP) protocol**
Developed a message sending application using Short Message Peer-to-Peer (SMPP) protocol API in Java for delivering SMSs sent by any of the client applications, also, collecting the delivery report.
Key Features
- List and process messages in the message queue
- Transmit messages to the corresponding addresses
- Receive delivery reports for each transmit asynchronously and update the database with the information
- Update delivery status of the messages

Technologies Used

Java, Java based SMPP libraries

7. **Short Code Management Console**
Developed a Short Code Management Console for receiving incoming SMS on a short code and forward it to the customers. The ERP system is capable of sending notification emails, SMSs to the users.

8. **Android Based POS Billing and Inventory Management System**
Developed an Android based point of sales Billing System for one of the clients on Android for any tablet running Android 2.1 or above.
Key Features
- Setup inventory on Android tablets
- Use the tablet as a Point Of Sales(POS) system completely
- Make/store sales and generate invoice
- Save invoice preferences to memo, invoice, etc.
- Print invoices using Wi-Fi printers
- Generate sales reports, purchase reports
- Manage customers and customer ledger
- View out of stock items separately

Technologies Used

Android, Java

Software Developer   Mar, 2010 – Apr, 2011
COSISS, Bangalore

PROJECTS
1. **Dynamic E-Commerce Portal**
Redesigned, re-structured, re-formulated and improvised an e-Commerce portal for exchanging pre-owned products or buying new products using ASP.NET.
Key Features
- Exchange products like Camera, Mobile Phone, Washing Machine, Television, etc.
- Buy new products from a range of hundreds of products
- Deals/Offers presented to users
Responsibilities
- Redesigned, re-structured, re-formulated and improvised the entire business model
- Integrate payment gateway on the system
Technologies used

ASP.NET, SQL Server 2005, JavaScript, jQuery

2. **A Web based Project Tracking System**
   COSISS needed a Project Tracking and Issue Tracking System (ITS) for their clients. Developed a web based Project Tracking System to track the status, progress and estimates of the projects with an Issue Tracking System for support ticket generation.

3. **POS Billing System**
   Developed a desktop based Point Of Sales Billing system for one of the clients
   Key Features
   - Manage and setup inventory
   - Make sales and generate bills
   - Print invoices through POS printers
   - Generate daily, monthly, yearly or even customized reports
   Responsibilities
   - Planning the lifecycle of the project
   - Analyzing and documenting the requirements
   - Designing and coding the entire system

   Technologies Used
   .NET, SQL Server 2005

Technical Skills

Cloud Platform	:	Azure
Programming Languages	:	C#
Platforms/Frameworks	:	.NET Core, .NET Framework, ADO.NET
Web Frameworks	:	ASP.NET Core 3.1, ASP.NET MVC, ASP.NET
Web Programming/Scripting	:	Angular, JavaScript
Development Tools	:	MS Visual Studio, Atom, Sublime, Eclipse, NetBeans.
Relational Databases	:	Microsoft SQL Server, SQLite, MySQL
Document Databases	:	Cosmos DB, Elastic Search, MongoDB
Version Control	:	Git, GitHub, Team Foundation System, SVN
Unit Testing	:	Jasmine, Karma, MSTest
Collaboration Tools	:	JIRA, Slack, VSTS

Education and Certifications

Bachelor of Computer Applications, IGNOU
Microsoft Certified Technology Specialist (MCTS)

Interests

Research, Music, Technologies