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| Full Name: | Jiho Lee |
| First Name: | Jiho |
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| Gender: | Male |

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**Authorized to work in the United States for any employer: GC (Green Card)**

# Summary

20+ years of Full-stack developer and former designer; extensive experience in designing and developing small and large projects, both on the front and back-end. In today's rapidly evolving IT environment, I strive to continuously learn and stay up-to-date with the latest technologies. I am adept in quickly getting hands-on with a variety of languages, libraries, and frameworks, regardless of the platform. Currently in the process of relocating to Austin, TX, to embark on a new beginning.

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| EXPERIENCE Mar 2020 – Oct 2022 • **Senior Software Engineer Project Lead** Natureware, Inc. Cypress, California, US Lead our team on its journey to create innovative e-commerce management products for our customers. Improved DevOps cycles to handle efficient and automated repetitive tasks to reduce unnecessarily wasted resources, saving manpower, time, and cost. Create next-generation e-commerce PWA products, customers, supply chain, inventory, product items, orders, shipment, accounts, API Gateway, GraphQL, and desktop app.  Jan 2019 – Mar 2020 • **Senior Full Stack Developer** GIT Hyundai KIA Motor Group Irvine, California, US Vehicle diagnostic solution. DevOps inspection management system integrates Web, Mobile, Desktop App, API WebService, SOAP, XML, JSON, on .NET framework.  Jan 2016 – Dec 2018 • **Senior Full Stack Web Developer** Lafestar, Inc. Los Angeles, California, US Wholesale e-commerce platform with CMS on AWS and Integrated for Social Network marketing. Payment gateway, WooCommerce WordPress, Magento, Shopify, GetsbyJS  Nov 2010 – Dec 2015 • **Senior Full Stack Engineer**  **Welico** Anyang-si, Gyeonggi-do, South Korea  B2B e-commerce integrated with third-party API marketplace 11st, Auction, SmartStore  Nov 2008 - Sep 2010 • **Senior Web Developer**  **Wewelcom corp.** Seocho-gu, Seoul, South Korea  e-commerce solution classic ASP, C#.NET MSSQL, RESTful API, SOAP, XML  Mar 2004 - Nov 2008 • **Web Developer** SEJONG Telecom (FMR. Onse Telecom) Seongnam, Gyeonggi-do, South Korea GIS Web Map Roadmate, Navigation Software, Traffic Road data MRO. GIS SI business, Signal simulator, UI Design, PDA app, Window Mobile 2003  Jan 2002 - Mar 2004 • **Designer & Developer** Seil I&C Gwanak-gu, Seoul, South KoreaDesigned and Developed branding franchise websites web application on LAMP see more > [https://jiholee.me](https://jiholee.me/) | TechniquesFront-end HTML5, CSS3, SaaS, Less, JSS  Bootstrap, Material UI, JavaScript, no-jQuery, ES6+, TypeScript  SPA: Angular, React, Vue, Svelte, Remix, NextJS, Vite, Bun, PWA Back-end PHP, JSP, ASP, C#.NET, Java, Python, Ruby, GoLang, Node.js  Web: IIS, Apache, Tomcat, Nginx  Framework: CI, Laravel, Django, Flask, Rails, Spring Boot, NestJS  DB: MSSQL, MySQL, MariaDB, Postgres, Redis, ElasticSerch  NoSQL: MongoDB, CosmosDB  API: RESTful API, XML, JSON, GraphQL, Prisma, RealM, Hasura DevOps Cloud: AWS, Azure, GCP, Heroku  CI/CD: GitHub, GitLab, Bitbucket  Netlify, Jenkins, Travis, CircleCI  Env: VM, Docker, Kubernetes CMS WordPress, WooCommerce, Magento, Shopify, GatsbyJS Etcetera Cross Hybrid: Ionic, React Native, Flutter, ElectronJS, Tauri, AMQP Automation: Pandas, Puppeteer  ML: Tensorflow, Keras, OpenCV  GTD, SDLC Agile Scrum Sprint  Figma, Jira, ClickUp, Notion |

# Education

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| Mar 2015 - Sep 2018 Pacific States University Los Angeles California, US  Bachelor of Science, Computer Information Systems | Jan 2011 - Mar 2015 Santa Monica College Santa Monica California, US  Associate of Science, Computer Programming |

**Summary** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20+ years of experience as a full-stack developer and former designer, developed proficiency in the design and development of both front-end and server-side small and large services. Constantly striving to stay up-to-date with the latest technologies and trends, and capable of quickly learning and applying a variety of technologies regardless of platform.

In the late 1990s, began my journey with HTML, CGI, and Perl, and used Flash animation with ActionScript. During the early 2000s, I was primarily working with Linux, Apache, PHP, and MySQL. After joining a company, began to work with Windows Server, IIS, ASP, C#.NET, and MSSQL. The development team utilized a tool based on the Agile Methodology in order to collaborate with each other. In order to quickly launch services, utilized various Content Management Systems (CMS) such as ZeroBoard, XE, WordPress, and Textcube, as well as hybrid mobile applications.

In 2010, moved to the US, mainly involved in e-commerce related projects, which involved integrating RESTful APIs with CMSs based on WordPress, Joomla!, and Drupal. Interested in front-end JavaScript platforms such as React.js and Vue.js, and hybrid mobile, Vue Native, React Native, Ionic, and Flutter. Additionally, NoSQL databases such as MongoDB for fast and light data processing. As the development and use of cloud services continue to improve, also in DevOps through AWS, GCS, and Azure with Git and CI/CD in Docker on Kubernetes using the pipeline to build, test, and deploy. Currently in the process of relocating to Austin, Texas, to embark on a new beginning.

**Techniques** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Front-end** | HTML5, CSS3, SaaS, Less, JSS, Bootstrap, Material UI, JavaScript, no-jQuery, ES6+, TypeScript |
| **SPA** | Angular, React, Vue, Svelte, Remix, NextJS, Vite, Bun, Cross-dev: ElectronJS, Tauri, PWA |
| **Back-end** | PHP, JSP, ASP, C#.NET, Java, Python, Ruby, Rust, Go, NodeJS |
| **Webserver** | IIS, Apache, Tomcat, Nginx |
| **Database** | MSSQL, MySQL, MariaDB, PostgreSQL |
| **NoSQL** | MongoDB, CosmosDB, DynamoDB, Redis, ElasticSerch |
| **API** | RESTful API, XML, JSON, GraphQL, Apollo, Prisma, RealM, Hasura |
| **Framework** | CI, Laravel, .NET, Django, Flask, Rails, Spring Boot, NestJS, React Native, Ionic, Flutter |
| **Cloud** | AWS, Azure, GCP, Heroku, EC2, ECS, ECR, S3, Lambda, Amplify, Firebase |
| **CI/CD** | Jenkins, Travis, Netlify, Docker, Kubernetes |
| **Integration** | ElasticSerch, Kafka, AMQP RabbitMQ, Amazon SP-API, Payment Gateway |
| **Source Control** | SVN, Git, GitLab, Bitbucket, GitHub |
| **WOW** | SDLC, Agile, Scrum, Sprint, JIRA, Confluence, Teams, Discord, Slack, Notion |

**Education** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pacific States University** Mar 2015 – Sep 2018   
​Bachelor of Science, Computer Information Systems

**Santa Monica College** Jan 2011 – Mar 2015Associate of Science, Computer Programming

**Experience**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Natureware, Inc. •** Mar 2020 – Oct 2022

Senior Software Engineer Project Lead

Cypress, California, United States

Led the team in its pursuit of creating cutting-edge e-commerce management solutions for our clients. Streamline DevOps cycles to enable efficient and automated routine tasks, thus reducing the use of unnecessary resources, consequently conserving manpower, time, and funds. Construct innovative e-commerce PWA solutions for clients, supply-chains, inventory, product items, orders, shipments, accounts, API Gateway, and desktop apps. Extensive experience with all of the mentioned technologies. Worked on large-scale engineering initiatives, designed and executed new user-facing features, and worked with other engineers and product managers to drive product and process improvements. Experience with Node.js, TypeScript, Angular, React, SQL/NoSQL, messaging RabbitMQ, AWS, OpenShift, and Kubernetes. Led teams in developing e-commerce management solutions, streamlining DevOps cycles, and constructing progressive e-commerce PWA solutions. Strong knowledge of Agile methodology, GTD, and SDLC, and documented references in a centralized interactive workspace on Notion. Created integrations between Slack and Teams with third-party APIs, gathered design references, re-designed the infrastructure from A to Z, re-architected legacy code from a monolithic service to a microservice architecture, re-implemented version control of source code, constructed each repository and configured it to enable development and testing in the Docker environment, constructed DevOps cycle for each product, and built an automated CI/CD pipeline through GitHub Action to deploy on cloud-based containers. Replaced production from legacy servers to AWS, Azure, and GCP. Helped your team succeed in its pursuit of creating cutting-edge e-commerce management solutions, streamlining DevOps cycles, and constructing innovative e-commerce ElectronJS, Tauri, and PWA.

* Applied Agile methodology daily stand-up scrum, sprinting, and mentoring in our team.
* Redefined culture of development, principle of GTD, SDLC.
* Documented references have been added to the centralized interactive workspace on Notion to facilitate the sharing of progress status in real-time.
* Created integrations between Slack and Teams with third-party APIs to ensure efficient communication between all employees.
* Gathered all design references and templated them using Figma.
* Re-design the infrastructure from A to Z, including the customers, supply chain, warehouse, product items, orders, shipments, and accounting.
* Re-architecting legacy code from a monolithic service to a microservice architecture.
* Re-implemented version control of source code for each product on GitHub repositories.
* Constructed each repository and configured it to enable development and testing in the Docker environment.
* Constructed DevOps Cycle for each product from the development environment to staging and production.
* Built an automated CI/CD pipeline through GitHub Action to deploy on cloud-based containers.
* Replaced production from legacy servers to AWS, Azure, and GCP.
* Developed a Shopify checkout application to collect additional shipping information, incorporating Hiroku metadata.
* Implemented a third-party payment gateway to enhance the security of our online payment system.
* Developed a store-front shopping cart application for the Japanese market that included language translation capabilities and global shipping systems.
* Implemented an ElasticSearch engine to enhance search capabilities, provide suggested search keywords and suggest related products for users.
* Improved the UX/UI of the legacy application's layout to ensure an extendable interface.
* Created the multilingual, global shipping, and multi-currency e-commerce application OpleGlobal.
* Managed the project for the development of the internal product GECL 2.0.
* Created a PWA using ReactJS for GECL 2.0, which included a SPA in the front-end and an API back-end interface using ReactQuery.
* Developed an API Gateway integration to manage requests and responses to and from third-party APIs using RabbitMQ AMQP.
* Built a centralized logging system to record all transactions with errors, enabling us to easily search through logs for security purposes.
* Integrated an internal API from XML and JSON to GraphQL, using MongoDB, PostgreSQL, and Hasura to provide a uniform single format.
* Ensure the upkeep and upkeep of the hardware and network system, in addition to all third-party interfaces.
* Upgraded our Amazon system from Merchant Fulfillment to SP-API.
* Partner with Business, UX Design, and Back-End API teams to utilize Agile development methodologies to create exemplary customer experiences for the online channel.
* Collaborate with fellow developers on innovative solutions and provide mentorship to junior developers.
* Enforce secure coding standards through peer code reviews and automated testing to ensure compliance with established protocols.
* Guided development teams to review business requirements, design documents, test plans/test cases, and performance testing plans.
* Effectively communicate technical solutions and recommendations to senior-level management, as per the following qualifications.
* Experience with HTML5 and web template engines such as Markdown, Handlebars, JSX, and Jade. CSS3 and CSS Preprocessors - SASS, LESS, etc.
* Writing high-quality, semantic, testable, maintainable, and well-documented code.
* Strong working experience with JavaScript/ES6+/Typescript SPA, Ember, Angular, React, Vue, etc.
* Created highly performant, optimized web application and consumed REST API using asynchronous methods with 508 Compliance/Web Accessibility.
* Used to manage source code version control SVN/Git/Bitbucket and branching repositories.
* Test-driven development with testing frameworks -- Mocha, Jasmine, Jest, etc.
* Used to control command-line utilities, build tools - Webpack, Grunt, Gulp.
* Experience with NodeJS and server-side JavaScript development.
* Enterprise exposure in defect analysis and resolution.
* Communication skills at all levels, from team members to senior management.
* Ability to work in a team within an Agile operating model and exchange constructive and respectful feedback.
* Collaborate with wider groups on standards and best practices and communicate ideas and best practices to more junior developers.
* Enthusiasm and a desire to be part of an innovative team, a commitment to quality, and a desire to improve.
* Created a sales channel management application using Java.
* Built an internal application and REST API using Java Spring, Spring MVC, and Spring Integration. Back-end linked MySQL database, Hibernate/JPA, JDBC.
* Integrated our third-party interface with open marketplace sales channels via XML Soap API.
* Maintained scheduled batch processing jobs to ensure synchronization of product items and orders.
* Created an internal console application utilizing React for comprehensive management system control.
* Built a Progressive Web App (PWA) for use across web, mobile, and desktop devices.
* Integrate with Microsoft MSAL Login credentials and Azure Active Directory.
* Built an application utilizing React 18 CRA with Typescript on a Node 16 container.
* Used react-i18n for multilingual and time zone conversion capabilities on a global scale.
* React hook and context instead of Redux, and the front-end user experience was built with Material-UI.
* Developed a logging interface with MongoDB utilizing the RealM App.
* Experience with browser-based technology, user interface development, responsive web design and engineering cross-browser with PWA, cross-device compliant code with ElectronJS, Tauri for running on Windows, Linux, and MacOS.
* Incorporated ReactQuery to optimize GraphQL data fetching and caching for improved performance.
* Interface created GraphQL from PostgreSQL with Apollo, Prisma, Hasura and ExpressJS with MySQL, and JWT authorization.
* Connected API Gateway to manage messages through AMQP on RabbitMQ,

**GIT Hyundai KIA Motor Group •** Mar 2018 – Mar 2020

Senior Full Stack Developer

Irvine, California, United States

Participated as an active developer and code reviewer to ensure high-quality deliverables. Managing production deployments on multiple occasions. Reducing Deployment effort in test environments by more than 70% by setting up a chain of Azure to perform automated deployments. Ensured to communicate team progress to all stakeholders in terms of status reporting. Providing enterprise management service via vehicle diagnostic solution. Developing architecture and best practices for easily implementing various business rules into new and existing objects. Design and coding enhancements for an inspection management system, which encompasses Engineering, Administration, Expediting, Logistics, Structural Steel, Project Management, and Performance Analysis. Maintaining vehicle diagnostic data loads for a business intelligence system and developed interfaces to send data between server-side audit data and client-side on diagnostic devices such as Mobile Android, and iOS Applications with API Web Service, SOAP, XML, and JSON. Integrated Web Application, Mobile Android, iOS App, and Desktop windows App.

* Led the team in enhancing workflow features, including solution design, estimating projects, implementing self-serviceable features, best practices, and Code reviews.
* Working with client services, Leading and enhancing/supporting the Product from Onsite.
* Gathering requirements from users and business analysts and will perform analysis, design, application implementation, testing, and assist in deployment.
* Develop reusable common UI components based on WPF DevExpress. This provides a consistent look and feels, various plumbing into State Street Infrastructure and Functions, supports rapid development of Rich Client application (non-browser).
* Develop batch and stream microservices data flow pipelines.
* Develop the data access components for relational, document, and graph data stores.
* Execute and prepare the automation test case performance result reports.
* Develop the continuous deployment pipeline jobs for releasing the product's new features to production.
* Support for software product test and production post-release issues.
* Developed front-end portal application using Angular 5 with TypeScript.
* Developed Angular JS services, custom directives, and views and organized them using MVC pattern.
* Worked on Visual Studio 2015 .Net CORE 2.0 Framework to implement Business Logic.
* Worked with Angular 4/5 CLI for creating, developing, serving, and testing the application.
* Created TypeScript reusable components and services to consume REST APIs using Component based architecture provided by Angular 3.
* Worked on the REST/Web API to create the services and tested on postman and used in Angular JS HTTP service calls and bind data in the table.
* Defined AWS Security Groups, which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* Designed and developed relational databases, including SQL Server or Oracle. Written complex store procedures with fast performance.
* Implemented react JS code to handle cross-browser compatibility issues in Mozella, IE 7, 8, 9, Safari, and FF.
* Used React-Router to turn the application into Single Page Application.
* Worked in using React JS components, Forms, Events, Keys, Routers, Animations, and Flux concepts.
* Developed user interface by using ReactJS and Flux for SPA development.
* T-SQL development skills to write complex queries involving multiple tables, great ability to develop and maintain stored procedures, triggers, and user-defined functions.
* Extensive knowledge of Normalization and Relational Database Management Systems.
* Responsible for creating & Managing Docker files for creating necessary base images used for automation of build & deployment environments.
* Manage environments for legacy codes using specific Docker containers based on the required architecture.
* Experience writing and deploying AWS Lambda Functions.
* Extensively involved in designing Web applications using MVC 4.0, Razor Syntax, Entity Framework, jQuery, and JavaScript for Client-side validation, CSS 3, and HTML5.
* Created an Internal console application that controls the around management system with React.
* Progressive Web App for cross-platform web, mobile, and desktop devices.

**Lafestar, Inc. •** Jan 2016 – Dec 2018

Senior Full Stack Developer

Los Angeles, California, United States

Wholesale e-commerce platform with CMS on AWS and Integrated for Social Network marketing. Experience throughout service in hardware system deployment, network and security equipment, database architecture design, server-side scripts, front-end design, service operations, data analytics, marketing support, and more. Integrated with third-party API payment gateway and sales channels.

* **B2B Wholesale multi-vendor e-commerce**

Wholesale B2B marketplace plugin on WordPress with WooCommerce and Dokan multi-vendor. Build packages for wholesale women's apparel at a package level and offer cheaper features in bulk purchases. Several wholesalers and retailers could enter and join as sellers and buyers.

* **Lyrics app UX/UI design**

UX/UI design for Lyrics app with responsive web and mobile application.

* **ICO landing design**

Animated SPA website design for the ICO website to show real-time data on display.

* **Blockchain company's internal web**

Implementing an administrator's internal website functionality for block chaining management.

* **Landing page for Chain-sign company**

Landing page design for electric contract chain sign system with React.js for flip card counting view.

* **Open-market Integration System**

The product information is connected to the open market system in real-time, and the order information is integrated with the management system. If stocks and prices fluctuate, all open markets will be synchronized in a timely manner. As the order information is processed by the manager sequentially, the order status of the open market is also updated instantly.

**Welico •** Sep 2010 – Dec 2015

Senior Full Stack Developer

Anyang-si, Gyeonggi-do, South Korea (Remote, Contract)

Integrated with B2B e-commerce with third-party API marketplace 11st, Auction, Smart Store. These marketplaces provide businesses with a variety of services, from product listings and payment processing to customer service and delivery tracking. By leveraging the APIs of these marketplaces, businesses can increase their reach and boost their sales, while still providing the same user experience to their customers. UX/UI design, Blog, CMS, e-Commerce with WooCommerce on WordPress, Magento, and Shopify on AWS, Azure. jQuery, Angular, React, NodeJS, ASP.NET MVC, .NET Core.

* **Reservation Management for ClubSpin**

The club event calendar sets a schedule and manages the reservation.

* **Private Instance Messaging App**

Instant messaging application on JavaScript volatility store message data.

* **ASP e-commerce Solution for Comnekr**

E-commerce solution for Active Server Page. Only the functions commonly used in the shopping mall solution have been added, and the additional functions can be easily installed in a plug-in form. The product manager can change the design easily and easy to control the supply chain.

* **SMS Bulk Messaging App (2014)**

Sends SMS in bulk, periodically at a certain time, or automatically sends a specific event occurs.

* **E-Commerce Abroad Trading Solution (2014)**

ASP-based overseas delivery and worldwide shipping solution for e-commerce. The exchange rate information is fetched through the API, the price is automatically determined according to the exchange rate, and the actual settlement amount can be confirmed by the rate transfer currency.

* **Room Control Management for Hobert Residence (2014)**

Added WooCommerce function to WordPress base to manage rental payment. A manager could monitor the room condition and reservation status. Each employee could log in account and communicate on the messaging system, also report procedures. Tenants could pay as subscribers online.

* **Landing page for HCA financial company (2015)**

HCA static website design for payment with the certified authentication system.

**Wewelcom corp. •** Nov 2008 - Sep 2010

Senior Web Developer

Seocho-gu, Seoul, South Korea

Designed brand and developed community website with C#.NET, IIS, MSSQL, and e-commerce website with IIS, PHP, and MySQL on Windows Server. Integrated with the open-market system for e-commerce shopping mall website.

* End-to-end designing and developing front-end and back-end small and large management projects, collaborating with 3rd party companies and many different clients.
* Successfully lead the developer team to write more efficient and clean code in all the modules
* Prepared technical designs, performs code reviews, debugging, and testing
* Lead developer for the following modules: Maintain and Enroll Person, Nightly Batch Process, Purchase of Prior Service, Employer Reporting, Member Account Maintenance
* Web Design & Development of User Interfaces using MVC with LAMP, ASP .NET, Java, Python, Ruby, and Go.
* Designed, develop, and deploy responsive web design (RWD) functionality in CGX using MVC 4.0 with Razor, Kendo UI, Knockout JS, Jasmine, Ajax, jQuery, and HTML5.
* Implemented Cascading Style Sheet (CSS) to improve the look and feel of the view with Less or Sass.
* Implemented middle Tier Business Component Development using the server-side script to incorporate business and back-end connectivity using entity framework and another environment with ORMs.
* Implemented client-side validations using jQuery and ASP.NET MVC Validation implemented at the Controller level.
* Involved in migrating the data from SOA to RESTful services using ASP.NET Web API.
* Used Custom MVC routing for routing pages.
* Designed the front end of the Public-Safety Answering Point (PSAP) website and implemented communication between a web server and client by AJAX.
* Design, develop and build the application using React and Redux, consuming the payloads received from the ASP.NET Web API Core 2.0.
* Experience with the latest .Net Framework (3/3.5/4/ CORE 1.0) with N - tier Architecture model and design patterns.
* Developing windows applications using C#.Net, WPF, Visual Studio 2013, and SQL Server 2008
* Designing WPF Forms, Custom Controls, and User Controls using XAML language for interactive UI
* Extensive experience in MVC frameworks like Angular JS for creating Single-Page Applications (SPA) using concepts like Dependency Injection, Promises, Services, Scope, Controllers, and Directives.
* Extensively involved in designing Web applications using MVC 4.0, Razor Syntax, Entity Framework, JQuery, and JavaScript for Client-Side validation, CSS 3, and HTML5.
* Involved in retrieving data using LINQ to SQL and LINQ to Objects with ASP.NET, worked with the database using LINQ to SQL.
* Implemented Routing, URL, Security, and Action Filter techniques for application development.

**SEJONG Telecom (FMR. Onse Telecom) •** Aug 2005 - Nov 2008

Web Developer

Seongnam, Gyeonggi-do, South Korea

MRO RoadMate website was one of the company's products for drivers, which is a voice commander service device with GPS. Website provided and distributed GIS updated information every week for one million users. Operated on Windows Servers, IIS, Classic ASP, MSSQL Server, and COM+ Application Program Sockets. Managed hardware servers and controlled security with L4 load balancing and firewall/IPS device to protect from DDoS attacks, company operating own IDC. Designed UI for PDA software for voice commander with visual information, designed by dot bitmap and developed on Windows Mobile 2003. Involved in Next-gen Billing System for 2G WAP payment part on WIPI OS. Built Intranet System for whole company employers to share and communicate with each. A managed project called Magnet, an online map application that synchronizes with Navigation software for RoadMate devices, has upgraded navigation from voice commander service built with .Net platform and Ajax control; the database was Oracle. Map images rendered bitmap and 16x zoom layered. Used the agile methodology and scrum to collaborate.

* Developed Views, functions, triggers, and stored procedures and created various unit test cases using Nunit.
* Developed UI test automation suites using Visual Studio Team System, C#, Coded UI, and modifying automation codes.
* Responsible for Unit Testing, Integration Testing, and implementation.
* Scheduling work and ensuring completion of deliverables by following AGILE methodology.
* Used the Microsoft office document imaging object model for automating the rollup of multiple single-page scanned image files into a single compressed multiple-page document.
* Documented the reports according to the end user’s requirements.
* Designed various master pages, Layouts, Sub layouts, and View renderings using HTML5 and CSS3 and configured in site core Presentation items.
* Gained knowledge in understanding the design and specifications
* Involved in Techno-functional discussions and resolution of policy and deployment issues
* Involved in database design & Implemented Tables and Stored procedures
* Worked on understanding business requirements, problem analysis, coding, and issue resolution of Admin products.
* Designed and developed Inform Learning System tool using ASP.NET, C#.NET, and WCF Services.
* Optimized existing stored procedures and created views for different role users to improve business logic using PL/SQL and SQL Server.
* Created error-handling APIs to handle various custom exception handlers.
* Created a custom roles-based security and authentication interface based on user registration.
* Developed and designed a graph chart to compare student success indicators using ASP.NET, JavaScript, and jQuery.
* Used HTML, CSS for web page design, and JavaScript for client-side validations.
* Implemented communication methods for registration requests, password resets, and user activation using email.
* Performed Analysis/Development of enhancement requests/defects. Also included are customer tickets.
* Developed and optimized the stored procedures to pull data from multiple tables across multiple databases.
* Created Unit Tests for units of source code using Nunit Framework.
* Developed automation testing framework for testing complex business structures using Coded UI.
* Responsible for source code management, automated tests, and requirements management using TFS (Team Foundation Server).
* Participated in knowledge-sharing sessions with business analysts and the product team regarding product functionality.
* Determined and resolved data processing problems and coordinated the workflow.

**Onse Telecom** **•** Mar 2004 - Aug 2005

Assistant Engineer

Seongnam, Gyeonggi-do, South Korea

Departed SI business signal simulator software for SK Telecom. Designed UI for voice commander PDA software with visual information, designed by dot bitmap on Windows Mobile.

**Seil I&C** Jan **•** 2002 - Mar 2004

Designer & Developer

Gwanak-gu, Seoul, South Korea

Designed logo symbols, characters, business cards, and sign panels for various franchises, including BI. Developed and designed websites, such as those introducing their brands and the official Korea Starcraft League website. Additionally, implemented a back-end management web application for administrators of PC cafes called Ultramania PC, which was capable of controlling multiple locations of PC cafes from the headquarter. Also installed 100 PCs in each cafe and configured the network for the PCs.