

# Ayoub Salhi

## Software Developer

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Looking to join a collaborative organization to achieve high-quality customer-focused results with cutting edge technologies in a timely manner with a strong desire for everyone to learn and grow as a team. I have over 10 years of experience in software development, and experience with running point for multiple development projects. I have been instrumental in team collaboration with project management and source control and a keen eye for developing technical documentation.

## Experience

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### Web developer, Division of Legislative Automated Systems

**9/2016 – Present**

- Instrumental in multi-year system rewrite of the Legislative Information System from COBOL + DB2 to .NET Core + Azure + SQL Server. Specific roles included architectural development of micro-services API layer, unit tests, API regression tests and Azure devops CI/CD pipelines. Project used Scrum methodologies.
- Worked on rewriting the Regulation Information System (RIS) from Lotus Notes + COBOL + DB2 to .NET Core + ReactJS + SQL Server. The app is used by Virginia agencies to file regulations and related items with the Virginia Registrar of Regulations for publication in the Virginia Register of Regulations. Roles included full-stack development as well as contributing to the legacy data migration from Lotus Notes to SQL Server.
- Rewrote several applications and built new services/applications for agency needs using .NET, examples :
  - The Legislative Summary Book App
  - The Chesapeake Bay Funding App
  - The legislative reference center App
  - The Joint Legislative Audit & Review Commission App.
- Responsible for the State Budget system codebase maintenance which required wide understanding of the internals of the software and systems.
- Continue to work directly with project stakeholders effectively providing estimates and strong technical documentation. Provide guidance to manager for how projects fit into agency strategic goals and priorities in consideration of team availability.
- Stepped up for critical agency needs including leading:
  - Set up and configuration of the entire agency Azure environment (App services, VMs, Blob Storage, App Gateway, Azure SQL Server) as part of the agency decision to migrate from on-premises web servers to the cloud.
  - Led a critical Azure migration from one tenant to another as part of an incident recovery.
- Contributed to the team adoption of development best practices including implementation of source control (VSTS and Git), documenting team standards, team utilization of agile methodologies, researching and then implementing .NET Core, moving towards more secure coding practices and beginning of CI+CD using Azure DevOps.

### Web and mobile developer, Georgia Southern University

**11/2014 – 6/2016**

- Worked with Georgia Southern University's Enterprise Application Services on creating mobile and web apps for Georgia Southern University.
- Developed the GSU Beacon App (cross-platform : Android & iOS): The GSU Beacon app was designed to interact with Estimote Beacons which signal via Bluetooth the application to show programmed content to the user depending on which beacon is closer to the user's phone.
  - Tools: JavaScript, HTML5, CSS3, JQuery Mobile, Phonegap, Beacon Technology, Bluetooth Low Energy 4.0.
  - For more details see presentation here: <https://www.slideshare.net/AyoubSalhi/gsu-beacon-52004879>
  - GitHub Repo : <https://github.com/salhidev/GSU-Beacon>
- Responsible for the university Website codebase maintenance, and worked on developing various aspects of the application, including :

- Support data/capabilities/scripts/API programming using PHP under MySQL Database.
- Correcting errors linked to session timeout in Students count application using PHP.
- Fixing errors linked to web service calls and creating gracefully fail functions in the attendance sheet online application of mygeorgiasouthern.edu portal using C#.
- Maintained previously-developed production applications, SQL databases and web servers.
- Worked on maintain and adding features to the Eagle Mobile App (Android & iOS): The official app for Georgia Southern University using JavaScript, HTML5, CSS3, JQuery Mobile, Phonegap.

## **Associate Technical Support, Phone Group**

**11/2013- 7/2014**

- Worked as a Technical Assistant providing Phone, Television, and Internet support in English and French for SFR customers in the European Union
  - Handled customer inquiries and service requests and resolved technical problems using negotiation and strong verbal skills.
  - Provided base level IT support to customers and won multiple challenges that included both technical and interpersonal skills.

## **Web developer, Assurservice**

**1/2013 – 6/2013**

- Led design and development of various desktop applications through all phases of development life cycle using VB.Net, SQL Stored procedures, ADO.Net, MVC 3-tier Architecture.  
Apps include:
  - A desktop application that manages medical offices activities including managing patient's appointments, prescriptions and doctor's agendas.
  - Point of Sale desktop application that meets specific shopping needs :
    - Cashier Management, Funds Management, Clients Management, Sales Management (Invoices, Orders, Tickets).
    - Item Management (Families & Subfamilies Brands, Prices ) .
    - Bar-Code Management ( Update) .Visualization of sales endings
    - The application themes ( More than 20 valid themes)
    - DevExpress controls and libraries to target some UI elements in the Web Forms.

## **Education**

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2014-2016	Bachelor's degree in Information Technology Georgia Southern University
2014	Certified from the English Language Program at Georgia Southern University
2012-2013	Institute Specialist in Offshoring Training, Casablanca, Morocco <ul style="list-style-type: none"> <li>• Certified Program Analyst Java/J2EE.</li> </ul>
2009-2012	Institute Specialist of Applied Technology, Casablanca, Morocco Associate degree in Software Development

## **Technologies**

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- ASP.NET + .NET Core + C# + VB.NET + Entity Framework + 3rd party .NET components
- SQL Server + SQL Reporting Services + Red Gate products (Compare and Source Control)
- Git, Azure DevOps/VSTS/TFS
- CI/CD (Azure DevOps Pipelines and Releases), Azure Portal
- JavaScript + jQuery + AngularJS + ReactJS + Redux + Bootstrap
- .NET Core Microservices (Swagger and MVC), MVC, WebAPI, xUnit.net
- Phonegap, JQuery Mobile, Xamarin

