**IVO DACHEV**

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**SUMMARY**

**Updated Resume Summary**

A Senior Software Engineer with over 13 years of experience in developing secure, scalable, and interactive web applications using technologies such as Angular, ASP.NET, and various cloud platforms. Proven expertise in the end-to-end design and implementation of customer-facing Identity and Access Management (IAM) solutions. Well-versed in integrating custom applications with modern identity providers like Okta, utilizing OIDC and SAML2 protocols to ensure robust security. A collaborative team member with a track record of mentoring junior developers, driving best practices in Agile environments, and successfully troubleshooting complex technical challenges.

**Latest Technologies Used & Experience**

* **1 to 2 years**: Google Cloud Platform (GCP): Compute Engine, Kubernetes Engine (GKE), BigQuery, Cloud Functions, Vertex AI; Infrastructure-as-Code (IaC): Terraform; Programming: Python , .NET Core 3+, .NET 5/6/8, C#; CI/CD: Azure DevOps Repos & Pipelines, Git; Other: Generative AI, SEO, Angular (13+), RxJS, Microsoft Graph.

**Previous Technologies Used & Experience**

* **2+ Years** - ASP.NET 2.0, Angular 13, 14, 15, Angular Material, Angular PrimeNg, Code First Migrations C#, Open Maps, Webpack, Python (Django app), Node.js, Protractor, Selenium, C# Unit Tests, Mongo DB, Google Charts & TFS API, Swagger Open API, AdTech, HTML5, SCSS, Visual Studio Code, Swagger & Postman, AWS Cloud, AWS Lambda Functions.
* **3+ Years**: Team Foundation Server (TFS), PCI compliance & working credit card API’s.
* **4+ Years**: Angular-UI, Bootstrap 3,4,5, CSS3, RESTful API/WebAPI, JSON, responsive design & single page applications (SPA).
* **5+ Years**: ASP.NET MVC, .NET C#, Entity Framework, LINQ, JavaScript, JQuery, SVN, Visual Studio, building MSSQL & MySQL databases.
* **6+ Years**: Configuring & Managing SQL, IIS, CMS (Drupal, Wordpress), Windows Server, DNS, firewalls & load balancers.
* **8+ years:** Successfully implemented SEO, SEM strategies for small and big traffic websites, third parties API Integration.

**Technical Tools:** HTML5, CSS, SCSS, XML, JavaScript, Typescript, Angular10-15, JQuery, Bootstrap (3,4,5), Python, Ajax, C#, .Net Core, .Net 5, SQL Server, SSMS, ASP.NET MVC, .NET Web API, Swagger, ADA,WCAG 2.0/2.1, Telerik Kendo UI, ORM, Entity Framework, Web Accessibility, OOP, Git, SVN, TDD, Azure, Microservices, Identity Server. Automation testing with Cypress, Selenium, Teamcity, Octopus.

**WORK EXPERIENCE**

**Product Owner/Architect/Developer 01/2024 – Present**

**1BuilderMedia Marketing LLC/ Consulting for the CA Public sector Sacramento, Ca**

 Architected and implemented a comprehensive Customer Identity and Access Management (IAM) platform for custom client applications, leveraging Okta as the primary identity service provider.

 Engineered secure and scalable web applications utilizing Angular and an ASP.NET 8 backend, deployed within an AWS cloud environment.

 Implemented authentication and authorization workflows within custom applications by integrating OpenID Connect (OIDC) and SAML2 Assertions for single sign-on (SSO) and secure data access.

 Provided technical expertise to design, prototype, and refine solutions, ensuring the creation of modular, decoupled, and scalable applications.

 Automated key processes and established CI/CD pipelines to streamline development and deployment, enhancing the overall development lifecycle.

**Hands On Software Architect, .Net 6 09/2023 – 01/2024**

**Incedo Inc / LPL Financial, Remote Sacramento, Ca**

* Provided senior technical expertise in the design and implementation of secure, high-performance AWS Cloud solutions, focusing on system capacity, limitations, and performance.
* Engineered and implemented robust identity and access controls within custom financial applications built on a .Net 6 API, ensuring the security of sensitive data.
* Collaborated with architects and technical leads to enhance alignment with development standards and best practices for cloud-native services.
* Mentored and provided guidance to other software engineers on coding best practices, performing technical code reviews to ensure quality and consistency.
* Successfully troubleshot complex integration issues between new cloud services and existing infrastructure, including GraphQL APIs and DynamoDB

**Software engineer, Architect, Business Analyst, .Net 6, Angular 15 02/2023 – 07/2023**

**CSSI Inc (Federal Aviation Administration), Remote Sacramento, Ca**

* Led the architectural design for a new enterprise application, with a primary focus on establishing a centralized and secure Identity and Access Management framework from the ground up.
* Collaborated extensively with business stakeholders and analysts to gather requirements for implementing identity solutions utilizing OIDC and SAML2 protocols to manage access for diverse user groups.
* Developed a full-fledged application using Angular 15 and a .NET 6 API, acting as a secure hub for various outdated tools.
* Functioned as a key member of an Agile team using the Scrum framework, contributing to sprint planning, execution, and review to deliver features iteratively.
* Established and configured a full CI/CD pipeline flow in Azure DevOps to automate the build, testing, and deployment processes for the new application.

**Software Integration Engineer, .Net, ServiceStack, Angular 13 09/2022 – 12/2022**

**SF Fire Credit Union, Contract, Remote Sacramento, Ca**

* Analyzing Business requirements and creating new architecture for implementation.
* Converting existing backend ServiceStack v3 to v5, refactoring code base.
* Implementation of GraphQL API for exposing endpoints.
* Converting the old interface into Angular 13, substantially improved UI/UX.
* Implemented Azure CodePipeline for new ServiceStack v5 code base, IIS10 Configuration

**Integration Engineer / API, Angular 13 10/2021 – 09/2022**

**Atos Syntel - HCA Healthcare, Full-time, Remote Sacramento, Ca**

* Analyzing Business requirement and architecting the UI interface together with API team.
* Converting existing .Net-Kendo UI old Interface into modern mobile responsive Angular 13 interface, implemented Elastic search.
* API design and implementation, Cypress testing automation.
* Created a brand new Angular 13 app leveraging Angular Material controls such as their multi-select dropdowns, auto-complete search fields & data tables with filtering.
* Implemented auto-scrolling on data tables for a seamless user experience with lightning-fast queries by structuring the .NET 5 APIs to return small incremental batches of data.
* Pushed user form data instantly into browser screens via Angular Reactive Forms while simultaneously posting the data back to the .NET 5 APIs behind the scenes.
* Utilized Angular Flex Layout to make the app responsive for each user’s device.
* Implemented AWS CodePipeline for Angular in S3, Lambda Functions utilized Atlassian’s Bamboo.
* Create and configure a MongoDB database, define collection and schema, perform MongoDB CRUD and feature operations from a web API, customize JSON serialization.

**.Net Core – Angular Engineer, Architect 11/2019 – 2021**

**Self-employed 1Buildermedia Marketing**

* WIP: Design-Build .NET 6 MVC Microservices, Identity Server Integration with Azure Service Bus, Gateways.
* Building new Windows Form App using .Net 4.5, C#, .NET Entity Framework and SSMS.
* Build an app with ASPNET Core API and Angular10.

**Software Engineer C#, .Net Core Engineer 04/2019 – 11/2019**

**OnCore LLC (California Department of Conservation) Sacramento, Ca**

* Built new modules using .Net 4.5, C#, .NET Entity Framework and SSMS.
* Resolved over 100 ADA/Web accessibility assignments.
* Developed new .Net Core modules.
* Created large-scale healthcare projects involving multiple interfaces from external systems.
* Utilized technology such as Visual Studio, TFS, C#, .Net Core, SQL, SQL Server 2017, Telerik Kendo UI, JavaScript, JQuery, Bootstrap 4.

**Web Developer** **09/2018 – 04/2019**

**Ivo Dachev, LLC Sacramento, CA**

* Built dating website using ASP.NET Core, Angular 6.
* Completed Udemy training and received certificates in C#, .NET Core, TDD technologies.
* Utilized technology such as CSS, HTML5, JavaScript, Typescript, JQuery, Angular 6, C#, .Net Core, ASP.NET Web API, SQL Server, Bootstrap 4, Node.js.

**Web Developer** **09/2017-09/2018**

**Sutter Health** **Sacramento, CA**

* Built turnkey ADA complaint landing pages for the Sutter Health marketing campaigns.
* Designed and implemented an efficient version control process architecture and workflow for Dev team collaboration and document control and management.
* I collaborated with back-end development team to leverage their web services and APIs into my projects.
* Facilitated scrum methodology on code reviews to issue and ensure standards for the team.
* Utilized technology such as CSS, SCSS, HTML5, JavaScript, JQuery, Bootstrap 3, Bootstrap 4, Tortoise SVN, Selenium, Gulp, Webpack, ADA, JAWS.

**Web Developer 03/2017 – 09/2017**

**SF Website Design San Francisco, CA**

* Developed and managed web portals and optimized revenue generating websites including front and backend.
* Created and managed marketing campaigns and PPC ads for clients.
* Utilized technology such as Python, API OAuth, SEO, SEM, Wordpress, .Net Core, Angular 6

**Software Developer in Residence 10/2016 – 03/2017**

**Coding Dojo San Jose, CA**

* I received the Scholarship for Entrepreneurs from Coding Dojo, a software development boot camp and Developed platform independent full CRUD RESTful web applications using Python, DJango, MySQL and MEAN stack.
* Created a semi-automated content creation with Topical classification followed by content syndication.
* Utilized technology such as Python, MEAN stack, Express, Angular 1, Node.js, TensorFlow, Spacy.

**Web Developer 08/2015 – 10/2016**

**SCITON INC Palo Alto, CA**

* Developed and maintained company web portals, both front and backend, trade shows landing pages and products sites.
* Authored web scraping and task automation scripts for integration into the marketing pipeline.
* Fully managed multiple CMS projects.
* Initiated and managed digital and social media support for vendors and contractors and evaluated their performance.
* Utilized technology such as Python, CSS, HTML5, JavaScript, JQuery, PHP, Bootstrap 3, OOP, ASP.NET, Test Driven Development.

**Web/SEO/SEM Consultant** **02/2010 – 10/2015**

**Ivo Dachev, LLC San Carlos, CA**

* Developed and optimized over 55+ revenue generating websites with projects lasting 2 to 4 years: large (20k+ pages), and small (10-100+ pages).
* Google’s niche health market built 24 Android Apps. 13 Apps ranked #1 in Google Play & Google Search.
* Increased SEO rankings by up to 73% on client and personal web properties, which led to a drastic cut in advertisement expenses.
* Coordinated with hands on execution of technical specifications and detailed design.
* Utilized technology such as HTML, JavaScript, CSS, C#, ASP.NET, ASP.NET MVC 4, ADO.NET, Entity Framework, SQL Server, T-SQL.

**Co-Founder/SEO/SEM lead/Developer 07/2012 – 08/2015**

**REALTRAX INC. San Carlos, CA**

* Developed When.me, a mobile app and increased adoption to 4,000 users and 120 merchants.
* Owned the product SEO/SEM roadmap; Co-partnered in design and development of data.
* Utilized technology such as Jira, Github, Javascript, MySQL, Facebook API, Twitter APIs, ASP.NET, SQL Server, TFS, TDD

**Digital Marketing Specialist 01/2007-02/2010**

**MOBILE ELECTRONICS & ASSOCIATES INC San Carlos, CA**

* Increased KPIs by 23% by optimizing marketing automation funnel using Infusionsoft and Marketo.
* Grew company revenue by 17 % yearly by improving SE rankings for multiple terms.
* Utilized technology such as HTML, CSS, Basic JavaScript.

**EDUCATION**

C#, ASP.NET MVC, .NET Core Certifications Bob Tabor @learnvisualstudio.net

2013, 2018

M.S. Forest Science University of Sofia

Graduated: 05/2000 Sofia, Bulgaria