# Ivo Dachev

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## SUMMARY

A seasoned Software Engineer with over a decade of experience developing scalable, high-performing applications. Expertise in AWS services (Cloudfront, Lambda, Digital Edge), CI/CD pipelines, modern frontend frameworks (Angular, React), and backend development using .NET Core and NodeJS. Skilled in infrastructure as code with Terraform and Ansible, and experienced in Content as a Service (CaaS). Adept at implementing responsive, robust solutions aligned with business needs.

## TECHNICAL SKILLS

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- Cloud Platforms: AWS (Cloudfront, Lambda, Digital Edge)  
- Infrastructure as Code: Terraform, Ansible  
- Development Tools: CI/CD pipelines (TeamCity, Octopus, AWS CodePipeline, Azure DevOps)  
- Frontend Technologies: Angular (2–18), React, NodeJS, HTML5, CSS, TypeScript  
- Backend Development: .NET Core, .NET 5, Swagger, PostgreSQL, DynamoDB  
- Other Tools: GIT, SVN, RabbitMQ, MongoDB, GraphQL API

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SUMMARY

Latest Technologies Used & Experience

1 to 2 years: AngularJs, Angular Flex-Layout- versions 2-to-13, RxJS, .NET Core 3+, .NET 5, Git, Azure DevOps Repos & CI/CD Pipelines; Azure Static Websites via Blob Storage, Azure Application Insights, Azure Web Apps & Services, Microsoft Authentication Library (MSAL) SSO for Angular, Microsoft Graph, Power BI, TypeScript 2.5+; Microsoft’s Bot Framework 4, Elastic Frameworks, ServiceStack, Text analytics/NLP, Entities, Google Cloud NLP API, PostgreSQL, Oracle Database, AutoCAD API, Elastic Search, Bamboo, RabitMQ, GraphQL API.

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 size 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

Software engineer 01/2024 – Present

1BuilderMedia Marketing LLC Sacramento, Ca

Building custom websites, sales and process workflow automation for local clients

Integrating with existing applications, API, Angular 18.

Backend: Net8 API with Swagger Interface

Wordpress, SQL, JavaScript, CSS, PHP.

Software engineer, Architect, .Net 6 09/2023 – 01/2024

Incedo Inc / LPL Financial, Remote Sacramento, Ca

Contributing to architecture design for implementation of AWS Cloud solutions.

Integrating with existing infrastructure and Codebase in place.

Backend: Net6 API with Swagger Interface, Code-first approach, DynamoDB, GraphQL API, S3 buckets, code design and orchestration.

AWS CI/CD pipeline setup, Teamcity, Octopus.

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

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

Solemnly responsible for gathering Business requirements and creating new architecture for implementation of a brand-new app from scratch.

Building a full-fledged app to act as an aggregate/hub for various smaller existing, outdated FAA SharePoint tools.

Backend: Net6 API with Swagger Interface, Code-first approach, Database first approach, PostgreSQL, Oracle database, implemented RabbitMQ message-oriented middleware model.

Front-End: Angular 15, template-driven forms, PrimeNg controls.

Azure DevOps setup, CI/CD pipeline flow.

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 simultaneous 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.

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

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 project lasting 2 to 4 years: large (20k+ pages), and small (10-100+ pages).

Dominated 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