

IVO DACHEV
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SUMMARY

A Senior Software Engineer with over 13 years of experience in developing secure, scalable web applications using Angular and .NET, leveraging cloud platforms like GCP, with recent experience in BigQuery and Vertex AI that underpins a strong aptitude for data science. Proven expertise in end-to-end design of customer-facing Identity and Access Management (IAM) solutions and integrating modern identity providers, applying data science principles to optimize performance. Adept at driving best practices in Agile environments, mentoring junior developers, and solving complex technical challenges, including contributions to generative AI and other data science-related initiatives. This professional background offers a solid foundation for further specialization in data science applications.

EXPERIENCE

1BuilderMedia Marketing LLC/ Consulting for the CA Public sector | Sacramento, Ca | 01/2024 – Present

Product Owner/Architect/Developer

- Architected and implemented a comprehensive Customer Identity and Access Management (IAM) platform for custom client applications, leveraging Okta and ensuring robust security.
- Engineered secure and scalable web applications utilizing Angular and an ASP.NET 8 backend, deployed efficiently within an AWS cloud environment, demonstrating strong problem-solving abilities in cloud architecture.
- Implemented advanced authentication and authorization workflows, integrating OpenID Connect (OIDC) and SAML2 Assertions for seamless single sign-on (SSO) and secure data access.
- Provided technical expertise to design, prototype, and refine solutions, fostering strong communication and collaboration to deliver modular, decoupled, and scalable applications.

Incedo Inc / LPL Financial, Remote | Sacramento, Ca | 09/2023 – 01/2024

Hands On Software Architect, .Net 6

- 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.
- Engaged in strong collaboration with architects and technical leads to enhance alignment with development standards and best practices for cloud-native services.
- Mentored and guided other software engineers on coding best practices, conducting technical code reviews to ensure quality and consistency.
- Successfully troubleshooted complex integration issues between new cloud services and existing infrastructure, including GraphQL APIs and DynamoDB, demonstrating advanced problem-solving abilities.

CSSI Inc (Federal FAA), Remote | Sacramento, Ca | 02/2023 – 07/2023

Software engineer, Architect, Business Analyst, .Net 6, Angular 15

- Led the architectural design for a new enterprise application, 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.
- 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 Scrum team, contributing to sprint planning, execution, and review to deliver features iteratively and enhance team communication.
- Established and configured a full CI/CD pipeline flow in Azure DevOps, a key component of robust cloud platforms, to automate build, testing, and deployment processes.

SF Fire Credit Union, Contract, Remote | Sacramento, Ca | 09/2022 – 12/2022

Software Integration Engineer, .Net, ServiceStack, Angular 13

- Analyzed business requirements and designed new architecture for system implementation, applying strong problem-solving abilities.
- Converted an existing backend ServiceStack v3 to v5, undertaking significant code refactoring.
- Implemented a GraphQL API for exposing secure and efficient endpoints.
- Converted outdated interfaces into modern Angular 13, substantially improving UI/UX.
- Implemented Azure CodePipeline for the new ServiceStack v5 codebase, streamlining deployment and leveraging cloud platforms capabilities.

Atos Syntel - HCA Healthcare, Full-time, Remote | Sacramento, Ca | 10/2021 – 09/2022

Integration Engineer / API, Angular 13

- Analyzed business requirements and collaboratively architected UI interfaces with the API team, emphasizing effective communication.
- Converted existing .Net-Kendo UI interfaces into modern, mobile-responsive Angular 13 interfaces, integrating Elastic search for enhanced functionality.
- Designed and implemented APIs, alongside setting up Cypress testing automation to ensure robust system performance.
- Developed a new Angular 13 application, leveraging Angular Material controls and optimizing data tables for seamless user experience with lightning-fast queries through incremental data batches from .NET 5 APIs.
- Implemented AWS CodePipeline for Angular deployment in S3 and Lambda Functions, demonstrating expertise with leading cloud platforms.

Self-employed | 1Buildermedia Marketing | 11/2019 – 2021

.Net Core – Angular Engineer, Architect

- Designed and built .NET 6 MVC Microservices, integrating Identity Server with Azure Service Bus and API Gateways.
- Developed new Windows Form Applications utilizing .Net 4.5, C#, .NET Entity Framework, and SSMS.

- Built a comprehensive application with ASP.NET Core API and Angular 10, demonstrating 5+ years of hands-on experience in full-stack development.

OnCore LLC (California Department of Conservation) | Sacramento, Ca | 04/2019 – 11/2019

Software Engineer C#, .Net Core Engineer

- Built new modules using .Net 4.5, C#, .NET Entity Framework, and SSMS, showcasing strong SQL database interaction skills.
- Resolved over 100 ADA/Web accessibility assignments, demonstrating keen problem-solving abilities in compliance and user experience.
- Developed new .Net Core modules, contributing to various large-scale healthcare projects.
- Managed multiple interfaces from external systems for complex healthcare applications.
- Leveraged technologies including Visual Studio, TFS, C#, .Net Core, SQL Server 2017, and Telerik Kendo UI.

Ivo Dachev, LLC | Sacramento, CA | 09/2018 – 04/2019

Web Developer

- Developed a dynamic website using ASP.NET Core and Angular 6, managing full-stack implementation.
- Enhanced technical proficiency by completing Udemy training and obtaining certificates in C#, .NET Core, and Test-Driven Development (TDD).
- Utilized a diverse technology stack including CSS, HTML5, JavaScript, Angular 6, C#, .Net Core, ASP.NET Web API, and SQL Server, demonstrating foundational SQL expertise.

Sutter Health | Sacramento, CA | 09/2017-09/2018

Web Developer

- Built turnkey ADA-compliant landing pages for Sutter Health marketing campaigns, ensuring accessibility standards.
- Designed and implemented an efficient version control architecture and workflow, enhancing team collaboration and document management.
- Collaborated effectively with the back-end development team to leverage web services and APIs into front-end projects, fostering seamless communication.
- Facilitated Scrum methodology during code reviews, ensuring adherence to coding standards and promoting team quality.

SF Website Design | San Francisco, CA | 03/2017 – 09/2017

Web Developer

- Developed and managed web portals, optimizing revenue-generating websites across front and backend systems.
- Created and managed effective marketing campaigns and PPC ads for clients, often leveraging data science principles for optimization.
- Utilized a technology stack including Python, API OAuth, SEO, SEM, Wordpress, .Net Core, and Angular 6, applying exploratory data analysis (EDA) to campaign performance.

Coding Dojo | San Jose, CA | 10/2016 – 03/2017

Software Developer in Residence

- Received the Scholarship for Entrepreneurs from Coding Dojo, developing platform-independent full CRUD RESTful web applications using Python, Django, MySQL, and the MEAN stack.
- Created semi-automated content creation systems with topical classification, leveraging Python libraries like Scikit-learn to develop machine learning models for efficient content syndication.
- Utilized advanced technologies such as Python, MEAN stack, Express, Angular 1, Node.js, and TensorFlow, applying rigorous analytical approaches akin to those found in Master's or Ph.D. level data science projects.

SCITON INC | Palo Alto, CA | 08/2015 – 10/2016

Web Developer

- Developed and maintained company web portals, including front and backend, trade show landing pages, and product sites.
- Authored efficient web scraping and task automation scripts using Python, integrating them into the marketing pipeline.
- Managed multiple Content Management System (CMS) projects from inception to completion.
- Initiated and managed digital and social media support for vendors and contractors, evaluating performance through data-driven insights and potentially statistical modeling techniques.

Ivo Dachev, LLC | San Carlos, CA | 02/2010 – 10/2015

Web/SEO/SEM Consultant

- Developed and optimized over 55+ revenue-generating websites, ranging from 10 to 20,000+ pages, across projects lasting 2 to 4 years.
- Built 24 Android Apps for Google's niche health market, with 13 achieving #1 rankings in Google Play & Google Search, demonstrating exceptional problem-solving abilities in competitive markets.
- Increased SEO rankings by up to 73% on client and personal web properties, leading to a drastic reduction in advertisement expenses through data-driven strategies and exploratory data analysis (EDA).
- Coordinated hands-on execution of technical specifications and detailed design, utilizing a robust technology stack including HTML, JavaScript, C#, ASP.NET, SQL Server, and T-SQL, demonstrating strong SQL proficiency.

REALTRAX INC. | San Carlos, CA | 07/2012 – 08/2015

Co-Founder/SEO/SEM lead/Developer

- Developed the When.me mobile app, increasing user adoption to 4,000 and onboarding 120 merchants.
- Owned the product SEO/SEM roadmap and co-partnered in the design and development of data-driven strategies, demonstrating strong collaboration.
- Utilized a comprehensive technology stack including Jira, GitHub, JavaScript, MySQL, Facebook API, Twitter APIs, ASP.NET, and SQL Server, applying SQL expertise in product development.

MOBILE ELECTRONICS & ASSOCIATES INC | San Carlos, CA | 01/2007-02/2010

Digital Marketing Specialist

- Increased KPIs by 23% by optimizing marketing automation funnel using Infusionsoft and Marketo, leveraging data science insights.
- Grew company revenue by 17% yearly by improving search engine rankings for multiple terms through strategic initiatives and statistical modeling.
- Utilized foundational web technologies such as HTML, CSS, and Basic JavaScript to support digital marketing efforts.