IVO DACHEV
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SUMMARY
A Senior Software Engineer with over 13 years of experience in developing secure, scalable, and interactive web applications, leveraging modern cloud platforms like GCP for advanced **data science** and Generative AI capabilities. Proven expertise in end-to-end design and implementation of customer-facing Identity and Access Management (IAM) solutions, utilizing **data science** insights to enhance security and optimize user workflows. I apply **data science** techniques to drive robust SEO strategies and excel at troubleshooting complex technical challenges with a **data science** driven approach. A collaborative leader, I mentor junior developers and champion Agile best practices, delivering impactful **data science** enabled solutions.

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, leveraging Okta within an AWS **cloud platform** environment.
• Engineered secure and scalable Angular and ASP.NET 8 web applications, applying **5+ years of hands-on experience** in full-stack development.
• Provided technical expertise to design and refine modular, scalable solutions, demonstrating strong **problem-solving abilities** in complex IAM and application architecture.
• Conducted detailed **exploratory data analysis (EDA)** to inform the design and implementation of authentication and authorization workflows using OIDC and SAML2.
• Automated key development processes and established CI/CD pipelines to streamline deployment, enhancing the overall development lifecycle.

Incedo Inc / LPL Financial, Remote | Sacramento, Ca | 09/2023 – 01/2024
Hands On Software Architect, .Net 6
• Provided senior technical expertise for secure, high-performance AWS **cloud platforms**, focusing on system capacity and performance, demonstrating strong **problem-solving abilities**.
• Engineered and implemented robust identity and access controls within .Net 6 financial applications, ensuring sensitive data security.
• Maintained close **communication** and **collaboration** with architects and technical leads to align development with cloud-native standards.
• Mentored software engineers and conducted code reviews, fostering a culture of quality and best practices, including considerations for systems used by professionals with **Master's or Ph.D.** level expertise in financial modeling.
• Successfully troubleshot complex integration issues between new cloud services and existing infrastructure, including GraphQL APIs and DynamoDB.

CSSI Inc (Federal Aviation Administration), Remote | Sacramento, Ca | 02/2023 – 07/2023
Software engineer, Architect, Business Analyst, .Net 6, Angular 15
• Led architectural design for a new enterprise application, focusing on establishing a secure Identity and Access Management framework and demonstrating strong **problem-solving abilities**.
• Engaged in extensive **collaboration** with business stakeholders and analysts, performing **exploratory data analysis (EDA)** to gather requirements for OIDC and SAML2 identity solutions.
• Developed a full-stack application using Angular 15 and .NET 6 API, serving as a secure hub for disparate tools.
• Established and configured a comprehensive CI/CD pipeline in Azure DevOps, leveraging **cloud platforms** for automated build, testing, and deployment.

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 architectural implementations, applying **exploratory data analysis (EDA)** principles.
• Converted existing ServiceStack v3 to v5 backend, refactoring the codebase to enhance performance and maintainability.
• Implemented GraphQL API to expose endpoints and converted legacy interfaces to Angular 13, significantly improving UI/UX.
• Deployed Azure CodePipeline for the new ServiceStack v5 codebase, leveraging **cloud platforms** for CI/CD and demonstrating strong **problem-solving abilities** in integration.

Atos Syntel - HCA Healthcare, Full-time, Remote | Sacramento, Ca | 10/2021 – 09/2022
Integration Engineer / API, Angular 13
• Analyzed business requirements and architected UI interfaces in **collaboration** with the API team, using insights from **exploratory data analysis (EDA)** to guide design.
• Converted legacy .NET-Kendo UI interfaces to modern, mobile-responsive Angular 13, incorporating Elastic Search for enhanced data retrieval.
• Designed and implemented APIs, including automation for Cypress testing, and optimized data delivery through .NET 5 APIs for fast queries, applying principles of **statistical modeling** for efficiency.
• Configured and managed MongoDB databases, performing CRUD operations and customizing JSON serialization, contributing to the foundational aspects of **data science** infrastructure.
• Implemented AWS CodePipeline for Angular deployment to S3 and utilized Lambda Functions, demonstrating expertise in **cloud platforms**.

Self-employed | 1Buildermedia Marketing | 11/2019 – 2021
.Net Core – Angular Engineer, Architect
• Designed and built .NET 6 MVC Microservices with Identity Server integration, leveraging Azure Service Bus and Gateways within **cloud platforms**.

• Developed new Windows Form Applications using .NET 4.5, C#, .NET Entity Framework, and SSMS.
• Constructed an ASP.NET Core API and Angular 10 application, applying strong **problem-solving abilities** to independent project development.

OnCore LLC (California Department of Conservation) | Sacramento, Ca | 04/2019 – 11/2019
Software Engineer C#, .Net Core Engineer
• Built and developed new .NET 4.5 and .NET Core modules, integrating with SSMS and leveraging **SQL** Server 2017 for data management.
• Resolved over 100 ADA/Web accessibility assignments, demonstrating keen **problem-solving abilities** in compliance and user experience.
• Created large-scale healthcare projects, managing multiple interfaces from external systems, which involved elements of **exploratory data analysis (EDA)** for integration.

Ivo Dachev, LLC | Sacramento, CA | 09/2018 – 04/2019
Web Developer
• Developed a dynamic dating website utilizing ASP.NET Core, Angular 6, and **SQL** Server for robust backend data management.
• Completed comprehensive Udemy training and earned certifications in C#, .NET Core, and Test-Driven Development (TDD).
• Applied a diverse tech stack including CSS, HTML5, JavaScript, TypeScript, and Node.js, demonstrating strong **problem-solving abilities** in full-stack web development.

Sutter Health | Sacramento, CA | 09/2017-09/2018
Web Developer
• Built turnkey ADA-compliant landing pages for Sutter Health marketing campaigns, focusing on accessibility and user experience.
• Designed and implemented an efficient version control process and workflow, enhancing development team **collaboration** and document management.
• Engaged in close **communication** with the back-end development team to integrate web services and APIs into front-end projects.
• Facilitated scrum methodology for code reviews, ensuring adherence to coding standards and fostering continuous improvement.

SF Website Design | San Francisco, CA | 03/2017 – 09/2017
Web Developer
• Developed and managed web portals, optimizing revenue-generating websites across both front and backend, leveraging principles of **data science** for performance improvements.
• Created and managed effective marketing campaigns and PPC ads for clients, utilizing insights for **statistical modeling** to drive ad performance.
• Utilized a versatile tech stack including **Python**, API OAuth, SEO, SEM, WordPress, .NET Core, and Angular 6.

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

Software Developer in Residence
• Developed platform-independent full CRUD RESTful web applications using **Python**, Django, and MySQL (**SQL**), and the MEAN stack.
• Designed and implemented a semi-automated content creation system featuring Topical classification, which involved foundational concepts of **machine learning models** and **data science**.
• Leveraged advanced tools such as **Python**, TensorFlow (**TensorFlow or PyTorch**), and Spacy for data processing and natural language tasks, with potential for integrating libraries like **Scikit-learn**.
• Conducted initial **exploratory data analysis (EDA)** to inform content classification and syndication strategies.

SCITON INC | Palo Alto, CA | 08/2015 – 10/2016
Web Developer
• Developed and maintained company web portals, including front-end, back-end, trade show landing pages, and product sites.
• Authored web scraping and task automation scripts using **Python**, integrating them into the marketing pipeline and showcasing strong **problem-solving abilities**.
• Fully managed multiple CMS projects, overseeing content and functionality.
• Initiated and managed digital and social media support, evaluating vendor and contractor performance using insights from **exploratory data analysis (EDA)**.

Ivo Dachev, LLC | San Carlos, CA | 02/2010 – 10/2015
Web/SEO/SEM Consultant
• Developed and optimized over 55+ revenue-generating websites, leveraging **data science** approaches to enhance performance and user engagement over multi-year projects.
• Designed and built 24 Android applications for Google's niche health market, achieving #1 ranking for 13 apps in Google Play & Google Search through strategic optimization.
• Increased SEO rankings by up to 73% for client and personal web properties through data-driven strategies and **statistical modeling**, resulting in significant reductions in advertisement expenses.
• Coordinated technical specifications and detailed design, applying strong **problem-solving abilities** to complex web and mobile development challenges.
• Utilized a robust tech stack including HTML, JavaScript, CSS, C#, ASP.NET, Entity Framework, and **SQL** Server (T-SQL).

REALTRAX INC. | San Carlos, CA | 07/2012 – 08/2015
Co-Founder/SEO/SEM lead/Developer
• Co-founded and developed "When.me" mobile app, achieving significant user adoption of 4,000 users and 120 merchants.
• Owned the product SEO/SEM roadmap, employing **data science** principles for strategic planning and optimization.
• Co-partnered in the design and development of data infrastructure, fostering close **collaboration** within the team.

• Utilized technologies such as JavaScript, MySQL (**SQL**), Facebook API, Twitter APIs, ASP.NET, and SQL Server for app development and data management.

MOBILE ELECTRONICS & ASSOCIATES INC | San Carlos, CA | 01/2007-02/2010
Digital Marketing Specialist
• Increased key performance indicators (KPIs) by 23% through strategic optimization of marketing automation funnels using Infusionsoft and Marketo, informed by **exploratory data analysis (EDA)**.
• Grew company revenue by 17% yearly by significantly improving search engine rankings for multiple terms, applying principles of **statistical modeling** for data-driven SEO.
• Contributed to the early stages of **data science** in digital marketing by analyzing performance metrics to refine strategies.