

# David Cheng

Senior Software Developer (.NET)

Texas City, TX, United States

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## SUMMARY

As a senior software developer with more than 6 years **.NET** development experience. Experienced on **.NET Core, ASP.NET MVC, C#, Web API, LINK, Entity Framework, ADO.NET** and **MS SQL** server. Skilled at collaborating with system engineers to develop and design an assortment of production applications. Improved application performance by 20% by optimizing **.NET Core code** and leveraging **MS SQL Server, React and Typescript** for frontend System.

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## WORK EXPERIENCE

### Senior Full Stack Developer/.NET + Azure

*Sunny Isles, FL, US*

**Hivex** | Aug 2023 – Aug 2024

- Created interactive GUI screens using **C#, iFrame, jQuery**.
- Built modular, scalable frontend architectures with **Vue.js, React.js**, and **TypeScript**.
- Implemented **CI/CD** pipelines to automate the deployment and management of **Azure-based application**, reducing deployment times by 50% and handling over 100 deployments per week, while ensuring scalability, reliability, and security.
- Optimized application performance, scalability, and cost-efficiency by leveraging **Azure monitoring** and **performance** tuning tools, reducing cloud costs by 30% and improving application response times by 40%, while maintaining 99.9% uptime.
- Architected and orchestrated **Azure** resources using Infrastructure as Code (**IaC**) tools like Azure Resource Manager (**ARM**) templates, **Azure Bicep**, or **Terraform**.
- Managed the design and implementation of a cost-effective cloud-based solution, resulting in a 30% reduction in infrastructure costs and improved scalability for future growth.

## Senior software developer | Salesforce

*Gliwice, Poland*

**The Software House** | *May 2022 – Jun 2023*

- Architected robust **Salesforce** solutions, integrating **AI** with **Einstein Analytics**, enhancing lead scoring mechanisms and resulting in a 40% increase in marketing conversions
- Constructed and maintained over 100+ custom objects, fields, and layouts, ensuring alignment with business processes and a 15% drop in duplicate data entries
- Spearheaded a custom **Salesforce Community Cloud** project, delivering a 30% improvement in customer self-service interactions within first six months
- Directed a cross-functional team in the creation of a personalized customer journey in **Salesforce Marketing Cloud**, boosting customer retention rates by 25%

## Software Engineer | Microservice

*London, England*

**Pixelette Technology** | *Jan 2021 – Apr 2022*

- Collaborate in the creation and execution of **CI/CD** and **DevOps** processes for agile projects, accelerating deployment frequency by 70% and reducing production errors by 40%.
- Applied with technologies and platforms such as **C#, Python, Java, Git, Linux, Docker, Kubernetes, Ngnix**, Jenkins, AWS, engaged debugging tools like **React-DevTools** for faster debugging and reducing debugging time by 50%.
- Experienced on **TDD**, followed test-first methodology in refactoring projects, wrote unit and integration tests using **Jest, Mocha**, and **Cypress**, and test coverage was more than 80%.
- Implemented best practices in **microservices** architecture, enhancing scalability to handle a 200% increase in user traffic and boosting overall performance by reducing response times by 50%.
- Leveraged cloud services such as **AWS, GCP**, and **DigitalOcean** to deploy, scale, and manage infrastructure, reducing infrastructure costs by 35% and improving deployment speed by 60%, while maintaining 99.99% system uptime.

## Middle C# Developer

*Stockholm, Sweden*

**OpenGeeksLab** | *Jan 2020 – Dec 2020*

- Created complex web applications in **Visual Studio** and **.NET 3.5** framework utilizing upgrade **AJAX** controls to implement the services such as the **QA Services**, the **Treatment Services**, etc.
- Maintained **C# applications**, utilizing object-oriented programming principles and following industry best practices, which led to a 15% reduction in system errors and advanced code maintainability by 25%, as measured by decreased technical debt and fewer reported bugs.

- Leveraged with Entity Framework and **MS SQL Server** to develop efficient database solutions, reducing query processing time by 30% through query optimization.
- Refactored legacy **C# code**, improving system performance and scalability, reducing server resource usage by 20%.

## EDUCATION

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Aug 2015 –  
Dec 2019

**University of North Texas**  
**Bachelor's Degree, Computer science**

***TX, US***

## SKILLS

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- **Programming Languages:** C#, C++, (4.5 / 4.0 / 3.5 / 3.0 / 2.0), VB and Core Java
- **Scripting Languages:** React.js, Next.js, Angular 2, Vue.js, Redux, Hooks, React Query, MUI, JQuery, BS5, Tailwind CSS
- **Markup languages:** : XML, XAIL, XSL, XSLT, XMLHTTP, XMLDOM, HTML5, DHTML, CSS
- **Database:** SQL SERVER (2012 / 2008 R2 /2008/2005), Oracle (9i/11g), MS-Access 2010
- **DevOps & Automation:** Azure DevOps, Jenkins, Docker, Kubernetes, Ansible
- **Tools and Software:** C#, Java, Microsoft Azure, DevOps, NET Framework, SQL, Visual Studio, MS Access, HTTP