CHOOSE YOUR OWN COWORKER® 22

YOU'RE THE STAR OF THE STORY! CHOOSE FROM 2 POSSIBLE ENDINGS.

ENGINEERING RESUME

BY ALEXANDER CHESSER

SREV III

H.E.N.R.Y.

FOR NETFLIX (ba-bumm)

Hi Dana,

Thanks for taking the time to read my resume – the proper content is down below but I wanted to draw your attention to the following points specifically:

Have a very strong background in building distributed systems using Java or other object-oriented languages such as C#, C++, Python, or Golang

- 10 years in C# building cloud and distributed systems. I'm reasonably comfortable in Java as it is syntactically often a copy and paste of C# (with some subtleties)
- Current reading "Designing Data-Intensive Applications" and "Designing Distributed Systems"

Have a deep understanding of good software design patterns, mixed with a healthy passion for refactoring and keeping things simple

- Passionate? Does hosting around 15 hours of youtube shows specifically about software architecture count as passionate? But wait there's more! Seriously, I'm super into this stuff.

Have a keen commitment to test-driven development

- I love automated testing – I am experienced in writing testing in my personal work. However my previous employer expressly forbade unit tests. I'm happy to be somewhere now that DOES support testing.

Experienced building and leveraging mid-tier services

- I have both written and leveraged systems that sit between other systems

Are clear, concise, and effective in both written and verbal communications
Write clean reusable interfaces that maximize functionality while minimizing maintenance
Are responsible, take accountability, and work well in, and across, teams
Enjoy working in an environment with lots of context and minimal guidance
Are ruthlessly pragmatic and know how to ship high-value features quickly
You have strong convictions and are open to being convinced otherwise
Resonate with our unique culture
Evaluate multiple opportunities for time and effort to identify and invest in those with the greatest opportunity for impact on the organization
Improve the team and organization you're part of, rather than accepting the status quo
Automate yourself out of critical support or mundane tasks to enable our team to scale
Learn and grow from working with stunning colleagues while helping them grow from your experiences and perspectives.

- In an effort to be **clear, concise** (and ruthlessly pragmatic) I'm just gonna say "yup" to all of these ones

Completely own the design, implementation, and dev/ops for your deliverables

- With 20 years in technology and over 10 as a technical architect I am very comfortable owning a solution from green field to maintenance.

Learn the ins-and-outs of our business and how Netflix manages money

- No word of a lie, I'm super interested in and excited by finance in general and film finance specifically. I've literally got a copy of Film Production Management 101 (by Deborah Patz) sitting on my bookshelf that I picked up ~15 years ago.
- As I mentioned in a twitter DM I sent you, one of my parents is an accountant and I grew up around all these sorts of finance terms. I really do enjoy *genuinely* the space.

Working knowledge of deploying cloud based applications

- While at Klick I owned the complete transformation of one client's transition from manual deployments to an Azure based CI/CD system.

An understanding of concepts like concurrency and reactive programming

- I haven't quite "signed the manifesto" or anything but I think it is super cool. I'm playing around with Kafka quite a bit nowadays and it is really exciting. Maybe I'll sign when I'm a bit more confident and comfortable with it all. I get it though. It makes sense.

ALEXANDER CHESSER

Senior Staff Developer & Technical Architect

CONTACT

- 647-863-4164
- alex.chesser@gmail.com
- github.com/alexchesser
- stackoverflow.com/users/398055
- linkedin.com/in/alex-chesser

SKILLS

- C#, JAVASCRIPT, PHP, PYTHON
- SQLSERVER, POSTGRES
- AZURE, AWS
- GIT, SVN
- MVC, UNITY 3D, CORDOVA
- WCF, REST, SOAP
- ANGULAR, JQUERY, NODEJS
- WORDPRESS, UMBRACO, DRUPAL

PROFILE

As a highly engaged all-rounder I'd expect to show a strong performance in providing solutions in any tech position while mentoring and growing the team around me.

While on a short (five year) mid-career stint as a high school teacher, I learned two critical life lessons that stay with me to this day.
The first is that how you accomplish something is often more important than what you accomplish. To that end, I make every effort to be honest, respectful and, friendly with my colleagues.
The second is that the hardest working kid in the room will beat out the smartest every single time.

Nothing beats a hard-working smart kid who is nice to the people around them.

CLIENTS

EDUCATION

Bachelor of Education
2003 - 2004

University of Western Ontario

Bachelor of Arts - Psychology
1995 - 2000

Carlton University

PROFESSIONAL DEVELOPMENT

Unity Mastery + VR Wizard
2019

Unity3d.college

Health Information Management
2016

Ryerson University

EXPERIENCE

Senior Staff Developer – Zensurance
2021 - Present

As staff engineer my focus is on working across functional areas to improve and level up the overall engineering practice of the organization. To coach, mentor and, advocate for the team as a whole. To spread best practices, assisting with improving overall technical quality.

Technical Architect – Klick Health
2016 - 2021

Technical Lead on multiple projects in the digital marketing space. Managed the work of a team of developers to ensure successful on-time delivery of projects.

Full Stack Developer – Klick Health
2015 – 2016

Technical Lead on multiple projects in the digital marketing space. Managed the work of a team of developers to ensure successful on-time delivery of projects.

Genome Developer – Klick Health
2014 – 2015

Working on Klick's core systems while safely replacing legacy systems.

Application Developer – Klick Health
2011 – 2014

- o Object Oriented Web apps C# / .NET
- o Wordpress, Drupal, Silverpop and Facebook API
- o Native iOS application development.

Web Developer – PPX.com
2009 – 2011

Working in the affiliate marketing space to drive and A/B test high volume traffic into a various affiliate offers. Platform was a LAMP stack including Ajax, jQuery, PHPUnit, MVC Frameworks and SVN.

Teacher – The Eastwood School
2006 – 2009

Teaching students aged 11 to 16 Computer Skills

Teacher – St Thomas More School for Boys

2004 – 2006

Teaching Computer Skills to students aged 11 to 19

NORTEL Programmer Analyst – Nortel Networks
1999 – 2001

Database design and administration, MS SQL Server, ASP programming, Visual Basic for Applications, Automation of report generation in Excel. PERL / CGI scripting in a UNIX environment.

PERSONAL PROJECTS & OPEN SOURCE

Ongoing technological experimentation and projects is a core pillar in my personal strategy to keep my skills fresh, current and to keep pushing me to be at the top of my game.

- o In the past I've built weekend-websites that used nodejs + mongodb to pull tens of thousands of hits a day on an aws nano sized server.
- o Fixed new-user documentation in Kubernetes around a missing step saving future developers hours of googling. https://github.com/kubernetes/kubernetes/pull/17552
- o Fixed the Microsoft aspnet dockerfile to speed the container's redeploy from minutes to seconds … like containers are supposed to behave https://github.com/OmniSharp/generator-aspnet/pull/530
- o Solved an issue in the android side of a mobile cross-platform cordova pdf generator plugin. https://github.com/cesarvr/pdf-generator/pull/31
- o Wrote an Oculus Quest finger-tracking module proof of concept which has pseudo full-body VR tracking with a custom avatar, as well as actual individual finger-level tracking https://www.youtube.com/watch?v=50-_6e5QZ1s
- o I have been working on some automated systems for improving page-load speeds by trimming vendor CSS and JS file. When asked, the creator of google's lighthouse performance tool called it "interesting" https://github.com/vendor-coverage-workflow
- o I'm currently in the process of starting a podcast of interviews of professional developers with an eye to covering topics about the business and craft of software development. You can get a sense of who I am before wasting your time on an interview! (Please Subscribe) https://www.youtube.com/c/lgtmshipit
- o In preparation for the pending tsunami of code interviews that I haven't written in about 10 years, I started a repo of code interview prep. You can examine my interview questions before even speaking to me! https://github.com/AlexChesser/coding-interview-practice