

Chesley Brown

Founder of [RentChek](#). Lead Software Engineer at [InVision](#). Coding enthusiast.
Husband & Father.

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Skills

- Proficient in Golang, Javascript (TypeScript, React, Angular), HTML, CSS (Tailwind, Sass, Responsive Web Design), Git, Bash, Docker, Kubernetes, Continuous Integration, Debuggers (Browser, IDE), and E2E / Unit / Functional Testing
- Competent in PHP, Python, MySQL, Postgres, DynamoDB, Redis, SQS, Kafka and MongoDB
- Other skills & traits include Remote Work (8+ years), Project Management, Self-Initiative, Team Collaboration, Team Management, Project Planning, Forward Thinking, Knowledge Transfer, Documenting, Technical Scoping, and Research & Development

Experience

- **InVision** - [invisionapp.com](#)

Lead Software Engineer - *Oct 2018 to Aug 2023*

- Acted as Interim Engineering Manager from *Feb 2019 to May 2020*
 - Conducted regular 1-on-1's, guided career paths and performance reviews
 - Worked with Directors, Managers and Staff Engineers to plan and prioritize work
 - Coordinated sprint planning, retrospectives, effort estimations and other team meetings
- Planned and coordinated large scale projects across multiple teams
- Led upgrades of large scale, integral services with minimal or zero downtime accomplished by adding e2e test coverage coupled with careful rollout strategies that included rollback plans
- Focused on improving developer velocity by custom building a local development environment with clear documentation that orchestrated over 100 micro-services using tools such as [AWS](#), [Docker](#), continuous integration, and custom built CLIs
- Worked on internal assets API service that managed the over 300 million assets used by the InVision platform and helped with migrating all data

- seamlessly (zero down time and zero data loss) from [MySQL](#) to [DynamoDB](#)
- Focus on writing well tested, documented and maintainable distributed services with runbooks, monitoring, alerts, logs, and tracing
- Improved Freehand stability by resolving elusive bugs in the expansive and complex codebase using debugger tools
- Assisted with sunseting services and cost monitoring and reduction efforts
- Conducted interviews and onboarding for new software engineers
- Collaborated with and provided support and mentorship to other software engineers
- Handled support and on-call duties for production issues
- All work and communication was conducted remotely
- Extensive use of [Go](#), [NodeJS](#), [TypeScript](#), [Docker](#), [React](#), [MySQL](#), [DynamoDB](#) and more

Senior Software Engineer - *Aug 2015 to Oct 2018*

- Worked remotely and in rapid development cycles
- Managed build & deploy processes for over 100 services using tools such as [Github Actions](#), [Docker](#), and [Kubernetes](#) running on [AWS](#)
- Built custom Slack bot for managing deployments and releases
- Designed and built internal platform dashboard for monitoring and managing deployed services with interface powered by [React](#)
- Advocated for high code quality, test coverage, automation and improved processes
- Utilized technologies such as [NodeJS](#), [ExpressJS](#), [npm](#), [GulpJS](#), [AngularJS](#), [Docker](#), [Vagrant](#), and [MySQL](#)
- **Bluedrop Performance Learning** - [bluedrop.com](#)

Lead Programmer & Release Engineer - *Oct 2008 to Aug 2015*

- Involved in problem solving and architecting solutions
- Provide leadership and ensure the quality of code produced by the development team through pull requests and code reviews
- Involved in writing specifications, solution scoping, evaluating risks, time estimations, assessing resources and designing technical architectures
- Perform DevOp duties including implementing and maintaining an agile development process, test & behaviour driven development, [12 Factor](#) app design and continuous deployment
- Utilize technologies such as [PHP](#), [Zend Framework](#), [NodeJS](#), [AngularJS](#), [Docker](#), [Vagrant](#), [Puppet](#), [Git](#), [Sass](#), [Postgres](#), [npm](#), [bower](#), [GruntJS](#), [jQuery](#), [phpunit](#), [JasmineBD](#), [Mocha](#), [SCORM Engine](#), [SCORM 1.2/2004](#), [AICC](#) and [TinCan API](#)
- **Statusfirm**

Web Application Developer - *Jul 2007 to Aug 2008*

- Contributed to media websites that served 1000's of simultaneous viewers
- Developed live comment system
- Website optimization
- Integrated a third-party ticket purchasing system using a provided API
- Built parsers for provided government files

- Developed website graphics using GIMP, Photoshop and Illustrator
- Provided leadership within the development team
- Utilized technologies such as [PHP](#), [jQuery](#), [CVS](#), [SVN](#), [Apache](#), [MySQL](#) and [Smarty Template Engine](#)

Projects

- **InVision Freehand & Prototyping** - invisionapp.com

A prototyping, workflow, and collaboration platform for designers. Powered by [React](#), [Go](#), [NodeJS](#), [Docker](#), [Kubernetes](#) and more. I worked on portions of the frontend, but mainly worked on backend services, infrastructure, and internal developer tools. I also contributed to InVision Freehand; an all-in-one collaborative online whiteboard, which was powered by much of the same technology stack. All of my work at InVision was done remotely.

- **RentChek** - rentchek.com

Responsive web app I built for managing rental properties. Powered by [Sass](#), [AngularJS](#), [MongoDB](#), [NodeJS](#), [JasmineBD](#), [Mocha](#) and [12 Factor](#) app design.

- **Synapsie** - synapsie.com

Web app I created for recording life memories. Powered by [Python](#), [Django](#), [Apache](#) and [jQuery](#).

- **CoursePark** - coursepark.com

I was a Lead Developer for this eLearning platform at [Bluedrop](#). Powered by technologies such as [PHP](#), [Zend Framework](#), [phpunit](#), [jQuery](#), [Postgres](#), [SCORM Engine](#), [Git](#) and [nginx](#).

- **Bluedrop Learning Networks Platform** - *Work in Progress*

Was a new platform led by myself and my team of developers at [Bluedrop](#). A custom built eLearning platform consisting of apps following [12 Factor](#) design. Using technologies such as [NodeJS](#), [AngularJS](#), [Sass](#), [GruntJS](#), [JasmineBD](#), [Mocha](#), [Docker](#), [Postgres](#), [Redis](#). Although this was a work in progress, you can [preview the API documentation online](#). I've since left the company, and no longer know the status of this project.

- **StoryPoint Commander** - github.com/chesleybrown/story-point-commander

Very opinionated story point poker I built as a side project. Allows collaboratively estimating stories by thinking about the solution effort + additional testing effort + risk level. Easily deploy the application yourself for free using Vercel. Powered by [TypeScript](#), [Firebase](#), [Next.js](#), [React](#), and hosted on [Vercel](#).

- **Portfolio** - chesleybrown.ca

My custom built portfolio. Source code can be seen at github.com/chesleybrown/portfolio. Powered by [NodeJS](#) and [AngularJS](#), and hosted on [Vercel](#).

- **Open Source Contributions** - github.com/chesleybrown

The following are just a few examples of my contributions to the open source community: [go-health](#), [node-jira-client](#), [kit](#), [kit-overwatch](#), [angular-add-to-home-screen](#), [pongular](#), [grunt-aglio](#), [knex](#), [allmighty-autocomplete](#), [autofill-directive](#), [uservice-trigger-directive](#), [bitbucket-codeship-status](#)

Education

- **College of the North Atlantic** - cna.nl.ca

Website Administrator - *Class of 2007*

| *Graduated with a 4.0 GPA*

Hobbies

- Snowboarding - *Moderately skilled*
- Casual Gamer - *Starcraft*, *Counter-Strike* and misc VR games
- Juggling - *Intermediate*
- Programming - *Yes, it's also a hobby*
- Shovelling Snow - *Mandatory hobby in Nova Scotia*

References

- Github - github.com/chesleybrown
- LinkedIn - linkedin.com/in/chesleybrown
- Professional references available on request.