



TUCKER ALLEBORN

Principal Software Engineer / Full Stack Developer

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LANGUAGES

Javascript	Typescript
C#	SQL
HTML/ CSS	Python
PowerShell	Bash/ Shell

FRAMEWORKS / LIBS

Angular	.NET
ngElements	jQuery
React	React Native
Node	Angular.js
SASS	Express

OTHER SKILLS

Git	TFS
Docker	Heroku
SQL/NoSQL	JSON
Redis	Webpack
RxJS	Razor
Websocket	Socket.io
Jasmine	Karma
CI/CD	Discord.js
JWT	OAuth
Burp	Octopus
Agile Scrum	SAFe
Twilio	Sendgrid
JIRA	Azure
MongoDB	CosmosDb
laC	Redux
TestCafe	YAML
OWASP	TeamCity
NPM / Yarn	MacOS
Windows	Linux

INTERESTS

Tech	SciFi
Rocketry	Biohacking
PC Building	PC Gaming
Surfing	Climbing
Golf	Film / VFX

EDUCATION

Pepperdine University
Malibu, CA | Class of 2012

Ranked in the Top 100 Best Colleges by Forbes and one of the top 50 universities in the nation by the U.S. News & World Report "Best Colleges".

PROFILE

Lifelong technology enthusiast, autodidact, and Dreamworks alumnus, with 10+ years of experience in designing, developing, releasing, and maintaining bleeding-edge technical projects at scale, alongside both domestic and international colleagues. Demonstrated steadfast work ethic, with a religious belief in the importance of effective communication and novel solutions.

EXPERIENCE

PRINCIPAL SOFTWARE ENGINEER @ ORIGENCE

2018 - PRESENT | IRVINE, CA

Origence is FinTech's 2023 CUSO of the Year - funding \$80B across 10M loans, reaching 64M members, collaborating with 1K+ financial institutions, and partnering with 19K+ auto dealers, through its diverse catalog of b2b and b2c software.

- **Loan & Account Origination Solutions (2021 - Present)** - Primarily on the arc DX and arc OS - the arc DX is a consumer facing, white-labeled Angular / .NET web application, supporting the origination of consumer loans (auto, personal credit cards, HELOCs, etc.) and new account opening (personal, youth, business, etc.). Applications are submitted from the arc DX to the arc OS, a WPF / .NET desktop application, where they are fielded by the Credit Unions representatives in office. Day to day includes heavy multitasking - fielding UAT/PROD issues, architectural/system design, coding for tech wealth / sprint team goals, sprint team management, and talent acquisition.
- **Mortgage Origination Solutions (2020 - 2021)** - Worked primarily on the Enterprise Sales Portal (ESP), a hybrid Angular application embedded inside of a MVC .NET Mortgage LOS. The ESP aims to modernize the mortgage origination experience for a loan officer with modern, SPA oriented UI/UX and performance. The MLOS and its related products were a massive development effort, involving a dev team of over 100 developers, both onshore and offshore.
- **Enterprise Architecture (2019 - 2021)** - Created an exhaustive proprietary class based styling system, Shared UI Library (modals, tooltips, grids, toasts, etc.), modular Web Components leveraging Angular Elements (bi-directional chat, json form builder, admin portal, etc.), UI and API application bootstrappers, and more. These libraries/components could be distributed via our private npm feed, or packaged to run on any app capable of running JavaScript, and had zero third party dependencies.
- **AutoSMART (2018 - 2020)** - AutoSMART is a consumer facing web application for retail autosshopping. It aggregates the inventory of tens of thousands of auto dealerships across the US, and provides a white label browsing and shopping experience for hundreds of Credit Unions. Worked on the legacy application, as well as worked in parallel on the modern Angular SPA ground up reimagining - with a hyperfocus on modern performance, resiliency, and UI/UX.

FULL STACK DEVELOPER @ ELEVEIGHT

2018 | IRVINE, CA

Eleveight is a fast paced b2b and b2c startup aimed at streamlining the process in which education and employment grants are matched with qualified candidates. The frontend was written in React (web) and React Native (mobile). The backend was primarily .NET, but had several Node.js microservices. My Features surrounded the implementation of user login / auth, registration, document upload, and a csv parser designed to handle and map extremely large datasets.

PRODUCTION MANAGEMENT @ DREAMWORKS ANIMATION

2013 - 2018 | GLENDALE, CA

DWA has released over 40 blockbusters, including several of the highest-grossing animated films of all time. DWA is a technological leader, holding over 100 patents in the animation, rendering, and software spaces. DWA created OpenVDB, an Academy Award-winning open-source C++ library and foliage system, and PREMO, a proprietary real-time Animation suite.

- Played a critical role in the production of Trolls, Croods 2, How to Train Your Dragon 3, Monkeys of Mumbai, Bilby, To Gerard, Marooned, Trolls Holiday (Augmented Reality iOS), live-action VFX short, and The Mummy (2017)
- Core member of DWA R&D team which developed a myriad of internal and commercial projects in the Visual Effects, Motion Capture, Live Action-VFX Hybrid, Virtual Reality, and Augmented Reality spaces.