

Dave Ashworth

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SUMMARY

Software engineer with over 20 years of experience delivering impactful software solutions. Skilled in full-stack development and adept at learning and implementing new technologies. Strong believer in the value of effective communication and collaboration for successful product development and positive teamwork. Seeking an opportunity to make a meaningful impact through my work.

EXPERIENCE

- **Apex Capital Corp** Remote/Fort Worth, TX
Senior Software Engineer July 2020 - present
 - Developed a UX-focused and performant payments platform using Next.js and Tailwind CSS, allowing clients and partners to self-manage their capital reserves at Apex.
- **HigherEducation.com (acquired by Red Ventures)** Remote/Houston, TX
Full Stack Software Engineer Mar 2016 - July 2020
 - Rebuilt the core ad server's decision engine that handles over a million requests per day. I cut response times in half, removed the dependence on caching layers, and captured a previously untapped group of traffic adding \$200k to our bottom line.
 - Sole developer of the decision engine responsible for optimizing HE.com's ad rankings and resulting in approximately a 10% increase in revenue.
 - Engineered several embeddable UI components with tiny footprints served to millions of users per month and backed by a centralized GraphQL API.
 - Engineered a solution to consolidate disparate spreadsheets into an inventory management tool using a central API reducing manual mistakes and saving employees several hours a week.
- **Apex Capital Corp** Fort Worth, TX
Senior Software Engineer Sep 2010 - Mar 2016
 - Rapidly designed and developed a free load board hosting millions of loads for truckers using Angular, Node, Java, and SQL.
 - Conceived and implemented a unique solution using memcached to reduce load matching times on the load board platform from 10 seconds to near instantaneous.
 - Lead the effort to redesign our existing mobile app's UX and architected over 40 RESTful web services used by our apps, helping to decrease client turnover and increase new client acquisitions.
- **Raytheon** Alice Springs, Australia
Software Engineer Dec 2004 - Sept 2010
 - Worked with a small team of software engineers to build and maintain distributed intranet applications used locally and across the world by multiple corporations and government agencies.

EDUCATION

- **Baylor University** Waco, TX
M.S. and B.S in Computer Science Aug. 1998 – May. 2004

ADDITIONAL QUALIFICATIONS

- Strong development and testing skills with previous experience in Next.js, Node, React, GraphQL, HTML, CSS, Tailwind, Git, Java and SQL.
- Driven learner who comes up to speed on new technologies quickly.
- Skilled in the full software development lifecycle, including peer code reviews, continuous integration and deployment, and automated testing for efficient solution deployment to production.