

# RICHARD HAAR

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## SUMMARY

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An analytical and result-driven full-stack engineer with experience in scalable application development, automation, web application design, product testing and deployment, UI component testing and development. Proven aptitude for implementing innovative solutions to streamline and automate processes, enhance efficiency, improve customer satisfaction and achieve financial savings.

## EDUCATION

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EAST CAROLINA UNIVERSITY, Greenville, North Carolina

**B.S. Economics | Minor History, 2025**

## TECHNICAL SKILLS

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- **Programming Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, PHP, GraphQL, Sass
- **Frameworks & Libraries:** React, Next.js, Node.js, Express, Redux, jQuery, React Native, Tailwind CSS, Framer Motion, Three.js, Timber for WordPress
- **Tools & Platforms:** Git, Github Netlify, Vercel, Heroku, Docker, Webpack, AWS services, WordPress, Drupal, Contentful, Storybook, Payload
- **Databases:** PostgreSQL, MongoDB
- **Certifications:** AWS Junior Software Developer, UNC Chapel Hill Full Stack Coding Bootcamp, Google Analytics (GA4), Google Ads

## EXPERIENCE

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SPRINGER STUDIOS, Wilmington, North Carolina

**Full-Stack Engineer, 2022 - Present**

- Build, styled, and ship high-quality websites, design systems, mobile apps and web applications for a diverse array of clients using technologies such as JavaScript, TypeScript, React, NextJS, NodeJS, CSS, Contentful, WordPress and more.
- Led the development and architecture of technical tools like content management systems, REST APIs, continuous integration pipelines and cloud hosting services to fulfill business requirements.
- Work alongside product & project managers, designers and other engineers to transform creative concepts into refined digital experiences at an agile (2 week) cadence.

DATAGROUP TECHNOLOGIES, Greenville, North Carolina

**Web Developer, 2019 - 2022**

- Developed, maintained and shipped production code for client websites primarily using HTML, CSS, Sass, JavaScript, jQuery.
- Proposed and implemented scalable solutions to identify issues with cloud services and user-facing applications.
- Performed quality assurance tests on various sites to ensure cross-browser compatibility and mobile responsiveness.

## FULL-STACK ENGINEERING PROJECTS

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**BuiltRite Storage Model Configurator | Full-Stack Engineer | [View Code](#) | [Demo](#)**

*React + TypeScript application that renders GLB storage unit model using Three.js and allows for user customization.*

- Configured user login and authentication using Supabase auth.
- Designed and built user interface for dynamic texture selection and GLB mesh color styling.
- Implemented Three.js object and scene animations for rotation controls using keyboard, mouse and touch.
- Connected AWS S3 bucket storage and Cloudfront CDN for GLB file and application assets.

**Springer Studios Project / Task Manager | Full-Stack Engineer | [View Code](#) | [Demo](#)**

*Software application built for internal teams project and task management.*

- Built with clear separation of server and client code for scalability.
- Deployed API-driven backend on EC2, built with NodeJS, Express and Prisma ORM for supporting complex data interactions.
- Developed a Next.js front-end client with Tailwind CSS, TypeScript. Client deployed on AWS Amplify.
- Designed and built rich components including project boards, timelines, tasks, teams and user management via AWS Cognito.