**Hagen DeRouen**

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Portfolio: <https://hagenderouen.github.io/>

**Summary**

Full-Stack Web Developer with a passion for creating business software and process improvements. Four years of experience in building, implementing, and administering business software applications through project management, marketing, and sales. Two-time business pitch competition finalist. Known amongst colleagues for thought leadership and a calming demeanor. Commended as “the best product manager” by Solution Architect. Scrum Master Certified (SMC).

**Technical Skills**

Languages: JavaScript, HTML, CSS

Front-end: Bootstrap, jQuery, React

Back-end: Node, Express, MongoDB, MySQL, SQLite

Tools: Git, GitHub, Postman, Visual Studio Code, MongoDB Atlas, Heroku

Methods: Agile, Scrum

**Projects**

**Realtime Chat -** Join a private room and send messages in real-time

* Coded messaging with the WebSocket protocol featuring Geolocation.
* Deployed the application to Heroku.
* Stack: Node, Express

Source: <https://github.com/hagenderouen/my-chat-app>

Live: <https://hagen-chat-app.herokuapp.com/>

**Task Manager API -** An API to manage your to-do list.

* Coded middleware for database queries, authentication, and data validation.
* Structured the RESTful API.
* Deployed the application to Heroku.
* Stack: Node, Express, MongoDB

Source:<https://github.com/hagenderouen/task-manager-api>

Live:<https://hagen-task-manager.herokuapp.com/>

**Weather Geolocation -** Get real-time weather by search or geolocation.

* Coded weather data API and geocoding API integration.
* Deployed the application to Heroku.
* Stack: Node, Express

Source: <https://github.com/hagenderouen/node-weather-website>

Live: <https://hagen-weather-application.herokuapp.com/>

**Tech Blog –** An open source blogging site.

* Programmed using the model-view-controller design pattern.
* Coded the user login and authentication including password security.
* Deployed the application to Heroku.
* Stack: Node, Express, Handlebars (views), MySQL

Source: <https://github.com/hagenderouen/tech-blog>

Live: <https://hagen-tech-blog.herokuapp.com/>

**Code Quiz –** A simple quiz app built with vanilla JavaScript.

* Coded the views and quiz workflow.
* Deployed the application to GitHub pages.

Source: <https://github.com/hagenderouen/code-quiz>

Live: <https://hagenderouen.github.io/code-quiz/>

**Experience**

**Co-founder/Product Manager, Screensoft, Longview, Texas**

2016 – Present

Designed and built the business website (www.screensoft.co) from scratch using Joomla CMS. Authored and implemented search engine optimization (SEO) techniques to increase website traffic to over 8,000-page views per month. Communicated and sold services to 500+ business clients with $200k+ lifetime sales. Invented a background check blockchain technology. Designed and led the build of the working prototype with a three-person remote team.

* Designed and built the business website with Joomla CMS.
* Increased website traffic to over 8,000-page views per month.
* Sold over $200k in business services.
* Invented background check blockchain technology.
* Designed and built a working prototype in 3 months.

**Project Manager, DATCS, Longview, TX**

2011 – Present

Spearheaded the migration of a legacy technology system to the cloud. Responsible for $3M+ revenue per year. Ensured the successful adoption of 30+ internal staff members and 300+ client end-users. Slashed 1,000+ administrative hours by programming Excel macro in Visual Basic. Researched, communicated with management, and authored a 5-10-year business roadmap using management strategies and frameworks.

* Spearheaded software migration responsible for $3M per year in revenue.
* Saved 1,000 hours of administrative time by programming Excel macro.
* Authored a 5-10-year business roadmap using management strategies and frameworks.

**Education**

**Full-Stack Web Development**

University of Texas at San Antonio (UTSA)

An online program focused on full-stack web development and gaining technical programming skills in the MERN stack including HTML, CSS, JavaScript, Node, React, Express, and MongoDB.

**Bachelor of Business Administration (BBA)**

Sam Houston State University (SHSU) Huntsville, TX Coursework includes management Information systems, electronic communications technology, business analysis, management & marketing, strategic management & policy.