



Jeffrey N. Milling

FULL-STACK SOFTWARE ENGINEER · SENIOR SOFTWARE ENGINEER

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Trellisware Technologies

September 13, 2023

10641 SCRIPPS SUMMIT CT #100,
SAN DIEGO, CA 92131

Job Application for Senior Software Engineer

Dear Trellisware Recruitment Team,

Why Trellisware Technologies?

My main reason for choosing Trellisware Technologies is the referral of a good friend and college colleague of mine, Ace Bansal. His recommendation, my alignment to the company mission and culture, my perfect fit of technological experience, and my personal interest in designing and implementing intuitive web UIs all make Trellisware Technologies seem like a great fit for me.

Why Me?

I was shocked while reading through the required "knowledge, skills, and abilities" section, I felt as though they were written specifically for my background! I have extensive experience programming in Javascript, React, and Express. I have always excelled at written and verbal skills (enough so to notice that those skills are mentioned twice on that list). And one of my past projects, the "Freeskater Finder", which I designed, implemented and deployed myself, is essentially a wrapper around the Google Maps Javascript API, and so I have become intimately familiar with it and its attribute-based structure of location information. Let me explain how I believe I am a perfect fit for this position.

During my entrepreneurial industry experiences, from JMKRIDE and GoSchoolBox, I created several website user interfaces from scratch. I learned to model the basic UI structure off of other popular user interfaces, to keep view nesting to a minimum, and to get user feedback early and often during development. I believe my UI/UX experiences will be very useful in this position on Trellisware's Applications team.

My past experience at Facebook has also given me incredibly valuable experiences interacting with and visualizing large datasets. After completing the MVP of JMKRIDE's internal stock tracking application, the JMKRIDE's CEO asked me if it were possible to view the trends over time of inventory as they are added/subtracted to the site. I was able to create a MongoDB aggregation that binned the many inventory updates across a fully configurable time range to provide a performant and intuitive visualization that was reminiscent of several tools I personally used while at Facebook.

Lastly, I have gained and demonstrated a number of leadership and interpersonal skills both technical and personal through arguably the most challenging of leadership environments: small companies/startups. I've learned countless valuable lessons from my experience managing half of the entire engineering workforce of GoSchoolBox while we underwent dramatic platform and customer-changes in the typical startup manor.

Thank you for your time and consideration.

Sincerely,

Jeffrey N. Milling