

# NAVANEET RAMABADRAN

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Dear Hiring Manager,

I am applying for your Associate Full-Stack Software Engineer position at The Muse. As a Full-Stack Software Engineer with a background in Electrochemical Engineering, I am equally confident building beautiful, feature-rich applications and employing a rigorously data-driven approach to building algorithmically-dense systems. I believe my engineering experience, software development fundamentals and practical projects showcase the skills I can contribute to your team:

- In a single week, I built [FlexJobs](#), a platform that matches software engineers with best-fit job openings and provides useful analysis. This self-directed project demonstrates my strength creating full-stack programs with a NoSQL (MongoDB) database, React.js frontend, Express.js/Node.js backend and Material-UI CSS framework in a fast-paced environment.
- I utilized GitHub's Jobs API to pull up-to-date software development jobs and employed a DOM query selector to beautifully render listings with sequential delay upon login. This showcases my versatility working with both the Backend APIs and Frontend presentational components.
- I created an algorithm that employed Dice Coefficient string comparison of the listings and the user's resume to order listings by a percentage match on the user's personal home page. Additionally, I integrated Retext Natural Language Processor package to parse listings for keyphrases and rendered them in an HTML5 Canvas cloud map.

Prior to transitioning to full-time Software Engineering, I worked as an Electrochemical Engineer in an 8-person CleanTech startup in San Francisco. I rely on a rigorously data-driven approach to delivering results. As an engineer in an uncertain, dynamic environment, I regularly employed Six Sigma ( $6\sigma$ ), Design of Experiment (DOE) and Pareto Analysis to elucidate critical information. This job also compelled me to engage in cross-functional skills, developing new partnerships with key vendors and technology collaborators.

I have attached my resume with more details and would like the opportunity to further discuss my qualifications with you in person.

Thank you so much for your time! I am looking forward to hearing from you!

Sincerely,

Navaneet (Nav) Ramabadran