Raj Patel

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Hello Sir/Madam,

This letter is for my interest in the posting of Full Stack Engineer (Pasadena, CA) opening at SUPPLYFRAME. I am currently pursuing Master's degree in Computer Science (GPA 3.7/4.0) at University of Southern California. I have completed my bachelor's degree in Computer Engineering in May, 2019 with GPA of 9.16/10. I have more than twelve months of experience as a software development engineer. I have gained this experience by doing internships in companies like Amazon (WA, USA), Convrrt Inc.(AZ, USA) and Brainasoft (An AI based company that works on primarily development of Personal Assistance Software and Chatbots).

I have worked for Amazon.com Services LLC (as a Software Engineer Development Intern) from May 2020 to August 2020. I was part of a team called Web Frameworks which is responsible for a micro Content Execution tool called "Cards Program". I created a web application called "Cards Marketplace", which was an authoritative data source of metadata of Cards. In my project I have aggregated data from 3 data sources which were managed and maintained by different teams. I have used AWS CDK to create backend infrastructure like AWS Lambda, DynamoDB and API Gateways. I have implemented a prefetch caching mechanism, which reduced network calls by 8 per page and decreased page loading time by 80%. I have also used Jest framework for unit testing (with 100% code coverage) and designed Code pipelines for CICD workflow. I have used TypeScript with NodeJS and ReactJS in my project.

Currently, I am working at Convrrt Inc. (as a Software Engineer Development Intern) since September 2020. I am responsible for implementation of frontend components from UI/UX teams in ReactJS and VueJS. I am also part of development of grid-based web page builder, which helps customers to create websites without writing code. I have also created UI and APIs for an admin dashboard which reduced demo account building time by 10 times. Presently I am feature flagging the existing codebase which will reduce development cost for prospective customers

During my work at Brainasoft as a software developer Intern, I was responsible for developing and maintain full stack web applications and mobile applications and adding new features to the existing products. I have created a cross platform mobile application in React-Native (That application was similar to Google Play Store) with its backend in PHP and MySQL. I have developed many backend APIs for the company's products in Python and PHP with Relational database. Apart from web development work I have also gained significant experience in version control system like Git.

Apart from those I also enjoy working on my own personal projects. My personal projects includes technologies like React-Native, Python, PHP, Java and many more. Moreover, I have also contributed to some of the open-source projects on GitHub like "The Algorithms". My personal projects are listed here https://raj1998.github.io/.

I am fast learner, even tempered, optimistic and minimalism loving person with entrepreneurial spirit. A skill I had developed during my internship was working with technical and non-technical people. Moreover, I am very versatile and I can work with most of the people. Thank you for considering me and I am waiting to hear back from you.

Sincerely,
Raj Patel