

# Tejesh Reddy Sigineni

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Dear Hiring Manager,

I'm writing to express my interest in the Senior Software Engineer, Backend at Duolingo. With over 4+ years of experience as a Software Engineer and a proven ability to work effectively in collaborative team settings, I was genuinely excited when I learned about this opportunity. I believe that my professional background and industry enthusiasm make me a strong candidate for this role.

During my time at Arizona State University as a Computer Science graduate student, I not only excelled academically but also actively contributed to cutting-edge research in the field of computer science. The culmination of my academic journey was the publication of my research paper at the prestigious 32nd USENIX Security Symposium, which allowed me to apply my problem-solving and software engineering skills in a research context. Simultaneously, my internship at CVS Health as a Software Development Engineer provided me with valuable hands-on experience in developing full-stack applications and leveraging cloud and infrastructure practices to streamline business processes and tackle technical problems related to claim processing.

My three-year tenure at Unbxid as a software engineer marked a significant phase in my career. During this period, I immersed myself in various aspects of full-stack development, working extensively with the MERN (Mongo/SQL, Express, React, Node) Stack, Flask stack, and AWS cloud technologies. I had the privilege of spearheading the development and integration of multiple e-commerce and retail customer websites with the Unbxid platform, ensuring seamless, low-latency search results to enhance worldwide user accessibility and speed up site loading times. Additionally, I adeptly managed the deployment and maintenance of DevOps and infrastructure solutions, leveraging my expertise in Python, all while fine-tuning system performance and scalability.

Throughout my career as a software engineer, I've demonstrated a knack for pioneering and optimizing architectural solutions to tackle intricate data engineering challenges. Leveraging a spectrum of open-source technologies, I've ensured that the project is delivered punctually while making use of cutting-edge tools and frameworks. Additionally, I've also managed a team of developers where I delegate and assign tasks, evaluate customer requirements, and conduct code and optimization reviews to identify areas of improvement. The right blend of leadership background and technical skillset prepared me to become an overall contributing team member.

As I constantly strive to strengthen and refine my professional effectiveness, I believe being part of the team sets me on the right career path. I would love the chance to discuss in greater detail how my qualifications meet the needs of this position.

Thanks for your time and consideration, and I look forward to hearing from you.

Best regards,  
Tejesh Reddy Sigineni