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[GitHub](#)

[Portfolio](#)

Dear Hiring Manager,

I am writing to express my interest in the Software Development Intern position at Oracle. I am currently pursuing a Master's in Computer Science at University of Colorado, Boulder and have developed strong experience in software development, object-oriented programming, Databases and working with a range of technologies. My academic background and hands-on experience with web applications, databases, and AI/ML that make me confident that I would be a valuable addition to your team.

As an Associate Software Developer at Advance Auto Parts, I developed and deployed the e-commerce website and mobile app back-end, using technologies like React, JavaScript, TypeScript, Node.js, and Express.js. I also worked with AWS to enhance the backend functionality, reduce API response times, and improve system performance through caching and load balancing. Additionally, I contributed to the improvement of software quality by writing end-to-end test cases with Jest, increasing test coverage from 60% to 85%, and setting up automated alerts with New Relic and AWS CloudWatch to cut incident response time. These experiences honed my skills in JavaScript, SQL, and software quality while reinforcing my ability to collaborate in an Agile environment.

In my role as a Digital Technology Intern at GE Appliances, I optimized a manufacturing tracking application with HTML, CSS, and JavaScript. My academic projects, such as a full-stack food delivery app with React, Node.js, and MongoDB, and Crime Grievance Cell platform for citizens to report crimes, utilizing Python, PostgreSQL. I also created a Lip-to-Speech Synthesis system using deep learning, achieving strong results in generating speech from lip movements, utilizing CNNs, LSTMs and also worked on pneumonia prediction model achieving 95% accuracy using deep learning. These projects have sharpened my skills in full-stack development and machine learning, with a focus on real-world problem-solving

With a strong foundation in Python, JavaScript, Java, C++, SQL, HTML, CSS, and object-oriented programming, complemented by coursework in databases, algorithms, operating systems, software engineering and Machine Learning, I am prepared to contribute meaningfully to development team. I am eager to engage in building scalable backend architectures, developing efficient APIs, and contributing to real-world problem-solving and participate in code reviews and collaborate on product roadmaps.

Thank you for considering my application. I look forward to the opportunity to discuss how my background and projects can contribute to Oracle mission of enhancing customer experiences through innovative technology.

Sincerely,

Jayanth Vunnam.