

Ayush Choudhary

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Dear Hiring Team,

I am writing to express my deep interest in the Java Engineer position at American Express. With a master's degree in Computer Science and Engineering from the University at Buffalo, and hands-on experience in Java application design, software development, and automated testing, I am excited about the opportunity to join the Enterprise Identity team and contribute to the cutting-edge technologies that power American Express' global authentication and authorization platform.

During my recent internship as a Data Intern at Ansys, I excelled in developing and implementing advanced regression and look-alike models, leveraging robust firmographics and extensive interview data to accurately estimate company revenue and R&D spend. This data-driven approach empowered the organization to make informed decisions and allocate resources efficiently. I also took the initiative to conduct in-depth analysis to support Ansys' strategic growth, offering valuable recommendations on key focus areas and expansion locations based on data-driven insights.

Furthermore, during my time as a Software Developer at Verizon India, I played a pivotal role in the development and continuous maintenance of the user interface for 'Odem,' a centralized governance and reporting tool. Leveraging React JS, I ensured a seamless and dynamic user experience, enhancing overall usability. Additionally, I developed efficient APIs in Node.js to seamlessly populate essential fields in the Odem application from tools like Jira, Rally, Qtest, and others, enabling real-time data access and empowering stakeholders with up-to-date information. Notably, I successfully implemented comprehensive test coverage and wrote test cases for the Odem application, achieving an impressive 80% code coverage, resulting in improved reliability and reduced chances of undetected bugs or issues. My dedication to excellence in software development makes me eager to contribute my skills and expertise to further success at your organization.

My passion for leveraging cutting-edge technologies to create innovative solutions is well reflected in my recent project, ScholarNet, in which I successfully revolutionized the management of educational activities for students, teachers, and administrators. By implementing role-based access control, I ensured that users had designated functionalities and permissions tailored to their specific roles. Additionally, I designed and integrated open discussion sections under each lecture, fostering a collaborative learning environment.

American Express' commitment to fostering an open, supportive, and inclusive environment aligns perfectly with my values and aspirations. I am thrilled at the prospect of working alongside talented engineers in an innovative and collaborative culture that values continuous learning and experimentation. My expertise in Java application development, proficiency in building API Gateways, and extensive knowledge of various types of databases, alongside my familiarity with essential tools like Docker, Kubernetes and Git makes me an excellent fit for the responsibilities detailed in the job description.

Thank you for considering my application. I am excited about the opportunity to join TeamAmex, a group of talented engineers, and contribute to the development of ground-breaking projects that shape the future of digital systems and services. I look forward to the possibility of making a meaningful impact and being a part of American Express.

Sincerely,

Ayush Choudhary