



**San Jose, CA OR Bellevue, WA**  
*"hybrid"*

**Sr. SDE / SDE-3**  
*Core Tech – AI Platform*

Looking for a company that inspires passion, courage and creativity, where you can be on the team shaping the future of global commerce? Want to shape how millions of people buy, sell, connect, and share around the world? If you're interested in joining a purpose driven community that is dedicated to crafting an ambitious and inclusive work environment, join eBay – a company you can be proud to be with.

eBay is a global commerce leader that allows you to shape how the world buys, sells, and gives. You'll be part of a work culture that's been genuinely committed to diversity and inclusion since its founding more than 20 years ago. Here, you can just be yourself, do your best work, and have a meaningful impact on people across the globe. We are looking for people with drive, ideas, and a passion for helping small businesses succeed to help shape the future of eBay—does this sound like you? If so, we'd love to talk to you!

We need a highly motivated and hardworking engineer with a focus on machine learning and data science to build world-class full life cycle ML/AI platform. We want the highest levels of technical talent and programming skills, as well as a keen desire to deeply understand our products and services to push our technology forward. You'll work alongside the best and the brightest engineering talent in the industry.

#### **About the team:**

Core Technology (CT) is a global team responsible for the end-to-end eBay technology platform. This platform runs our entire infrastructure and all the services that come together to form ebay.com.

This position will join the Core AI engineering team, which is under the Core Technology (CT) umbrella. The team responsible to lead the AI transformation to entire eBay initiatives to bring magical experience to our customers.

#### **About the Job:**

Join the Unified AI platform team to create an agile powerful platform to do machine learning at scale. This platform would be used by ebay's researchers and engineers who work on projects that include computer vision, NLP, machine translation, and recommender systems.

This is a great opportunity to work with a highly visible and well positioned team in one of the most well established and highly trafficked ecommerce companies on the globe. You will be part of an agile engineering organization, which is responsible for groundbreaking development in our various AI initiatives.

There is tremendous opportunity to tackle engineering challenges with machine learning large scale data processing, craft a platform that is in the beginning months and grow your career with it.



**Some of the things that you will do:**

- Hands-on with the design, architecture, and operating AI Platform services and capabilities for training, inference, ML model lifecycle, and feature engineering
- Ensure high technical standards by instituting processes (architecture reviews, testing) and culture (engineering excellence)
- Work with engineering and product leadership to build a long-term roadmap and execution plans
- Coordinate execution and collaborate across teams to unblock multi-functional teams projects

**We need:**

- Comfortable with Distributed System, Data structures and Algorithms
- Expert level hands-on coding skills in one or more of programming languages - Java, Scala, Python, and Go are preferable
- Rigorous in software design life cycle standard methodologies (design docs, code reviews, support, Sprint planning, Agile methodologies)
- Proven understanding of system and computing architectures
- Familiarity with data management and infrastructure like Apache Hadoop, Spark, Flink, and Kafka
- Hands on solid understanding with standard ML frameworks, and an understanding of Build, Test, Deploy, Re-train stages of full ML/AI life cycle

**Preferred Experience:**

- Bachelor's degree in computer science or related fields, with 6+ years of relevant experience
- Prior experience building AI and Machine Learning infrastructure and services are preferable
- You will push the barriers on scalability, availability, performance and innovation, have a deep understanding of Machine Learning approaches, data pipelines, and building scalable backend applications
- Participate in the technical discussions involving architecture, algorithms, and the economic aspect of the software development to scale out deployment strategies
- Practical and solid understanding of distributed systems, databases, and experience on building services and development using container based platform like Kubernetes
- Experience and comfortable on giving technical presentations, talks to share updates of the team's progress and accomplishments
- Excellent verbal and written communication skills

**Benefits:**

Benefits are an essential part of your total compensation for the work you do every day. Whether you're single, in a growing family, or nearing retirement, eBay offers a variety of comprehensive and competitive benefit programs to meet your needs. Including maternal & paternal leave, paid sabbatical, and plans to help ensure your financial security today and in the years ahead because we know feeling financially secure during your working years and through retirement is important.





Here at eBay, we love creating opportunities for others by connecting people from widely diverse backgrounds, perspectives, and geographies. So, being diverse and inclusive isn't just something we strive for, it is who we are, and part of what we do each and every single day. We want to ensure that as an employee, you feel eBay is a place where, no matter who you are, you feel safe, included, and that you have the opportunity to bring your unique self to work.. To learn about eBay's Diversity & Inclusion click here: <https://www.ebayinc.com/our-company/diversity-inclusion/>

**The pay range for this position at commencement of employment in California, Washington, or New York City is expected in the range below.**

**\$114,800 - \$176,550**

Base pay offered may vary depending on multiple individualized factors, including market location, job-related knowledge, skills, and experience. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment.

If hired, employees will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

#### **About eBay:**

eBay Inc. is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, sex, sexual orientation, gender identity, veteran status, and disability, or other legally protected status. If you are unable to submit an application because of incompatible assistive technology or a disability, please contact us at [talent@ebay.com](mailto:talent@ebay.com). We will make every effort to respond to your request for disability assistance as soon as possible. View our [accessibility info](#) to learn more about eBay's commitment to ensuring digital accessibility for people with disabilities. For more information see: [EEO is the Law Poster](#) and [EEO is the Law Poster Supplement](#).

eBay Inc. operates e-commerce platforms that connect various buyers and sellers worldwide. Its platforms enable sellers to organize and offer inventory for sale; and buyers to find and buy it virtually anytime and anywhere. The company's Marketplace platforms include its online marketplace at ebay.com and the eBay mobile apps. The company platforms enable users to find, buy, sell, and pay for items through various online, mobile, and offline channels, which include retailers, distributors, liquidators, import and export companies, auctioneers, catalog and mail-order companies, classifieds, directories, search engines, commerce participants, shopping channels, and networks. eBay Inc. was founded in 1995 and is headquartered in San Jose, California.

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