

[Careers](#) > Software Engineer, Operational AI

Software Engineer, Operational AI

Seattle, Washington, United States

Why join us

Brex is the AI-powered spend platform. We help companies spend with confidence with integrated corporate cards, banking, and global payments, plus intuitive software for travel and expenses. Tens of thousands of companies from startups to enterprises — including DoorDash, Flexport, and Compass — use Brex to proactively control spend, reduce costs, and increase efficiency on a global scale.

Working at Brex allows you to push your limits, challenge the status quo, and collaborate with some of the brightest minds in the industry. We're committed to building a diverse team and inclusive culture and believe your potential should only be limited by how big you can dream. We make this a reality by empowering you with the tools, resources, and support you need to grow your career.

Engineering at Brex

The Engineering team includes Data, IT, Security, and Software, and is responsible for building innovative products and infrastructure for both internal and external users. We have multiple autonomous and collaborative teams who are eager to learn, teach, and constantly improve how things work. Together, we strive to build robust and scalable systems that enable Brex to grow rapidly and help our customers reach their full potential.

What you'll do

We are looking for a software engineer to join our new Operational AI team. The Operational AI team is in charge of the AI projects, such as operational automation, that keep our business running behind the scenes. Delivering on these projects requires development on the platform to enable both traditional ML model and generative AI at Brex, with a vision to scale and democratize machine learning and AI to meet the needs of the business. You would be collaborating with data scientists and engineers from across all of Engineering within Brex to build, maintain, and scale our AI systems.

Responsibilities

- Design and develop the infrastructure to provide a cohesive, integrated, and managed development life cycle for traditional ML models and LLMs
- Architect, build, and diagnose production AI/ML systems
- Work closely with AI/ML application teams to design seamless workflows for continuous model training, inference, and monitoring
- Define and provide strong SLAs and metrics around latency, throughput, and resource
- Interface with both ML experts and platform engineers to understand workflows, pinpoint and resolve inefficiencies, and inform the next set of features for the platforms
- Troubleshoot and debug user issues
- Provide operational and user-facing documentation
- Be responsible for developing, cultivating, and nurturing the **AI-driven culture** within Brex

Requirements

- 3+ years of professional experience in a software engineering role or equivalent experience
- Experience working with backend programming languages, such as Kotlin, Python, etc.
- Experience building custom MLOps platform solutions based in business needs
- Experience leveraging and integrating industry MLOps solutions, such as AWS Sagemaker, Databricks, etc.
- Experience using LLM technologies such as langchain, LLM AIs
- Familiarity with software engineering development cycles
- Ability to hold yourself and the team to high standards
- Strong communication and interpersonal skills
- Must be willing to work in office 2 days per week on Wednesday and Thursday

Bonus points

- Experience driving initiatives at a broader level across an organization or company

- Strong writing skills
- Proactive approach
- You know what prompt engineering is and how to get the most out of an LLM

Compensation

The expected salary range for this role is \$152,000 - \$190,000. However, the starting base pay will depend on a number of factors including the candidate's location, skills, experience, market demands, and internal pay parity. Depending on the position offered, equity and other forms of compensation may be provided as part of a total compensation package.

Please be aware, job-seekers may be at risk of targeting by malicious actors looking for personal data. Brex recruiters will only reach out via LinkedIn or email with a [brex.com](https://www.brex.com) domain. Any outreach claiming to be from Brex via other sources should be ignored.

Apply for this Job

* Required

Apply With LinkedIn

First Name *

Last Name *

Email *

Phone *

Location (City) *

[Locate me](#)

Resume/CV *

[Attach, Dropbox, or enter manually](#)

(File types: pdf, doc, docx, txt, rtf)

Cover Letter

[Attach, Dropbox, or enter manually](#)

(File types: pdf, doc, docx, txt, rtf)

LinkedIn Profile

Website

What are your preferred gender pronouns? (She/Her/Hers; He/Him/His; They/Them/Theirs, etc.)

How did you hear about us? *

Please select

If you heard about us through a referral, please state the Brex employee's name.

This role requires two days per week in office. Do you live in, or plan to relocate to the specified location? *

Please select

Are you authorized to work in your intended work location, stated above? *

--

Do you consent to Brex processing your personal information for the purpose of assessing your candidacy for this position in accordance with Brex's Applicant Privacy Policy? *

To read Brex's Applicant Privacy Policy, please click this link [here](#).

Please select

Voluntary Self-Identification

For government reporting purposes, we ask candidates to respond to the below self-identification survey. Completion of the form is entirely voluntary. Whatever your decision, it will not be considered in the hiring process or thereafter. Any information that you do provide will be recorded and maintained in a confidential file.

As set forth in Brex's Equal Employment Opportunity policy, we do not discriminate on the basis of any protected group status under any applicable law.

Gender

Please select

Are you Hispanic/Latino?

Please select

Race & Ethnicity Definitions

If you believe you belong to any of the categories of protected veterans listed below, please indicate by making the appropriate selection. As a government contractor subject to the Vietnam Era Veterans Readjustment Assistance Act (VEVRAA), we request this information in order to measure the effectiveness of the outreach and positive recruitment efforts we undertake pursuant to VEVRAA. Classification of protected categories is as follows:

A "disabled veteran" is one of the following: a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Secretary of Veterans Affairs; or a person who was discharged or released from active duty because of a service-connected disability.

A "recently separated veteran" means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.

An "active duty wartime or campaign badge veteran" means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.

An "Armed forces service medal veteran" means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

Veteran Status

Please select

Voluntary Self-Identification of Disability

Form CC-305
Page 1 of 1

OMB Control Number 1250-0005
Expires 04/30/2026

Why are you being asked to complete this form?

We are a federal contractor or subcontractor. The law requires us to provide equal employment opportunity to qualified people with disabilities. We have a goal of having at least 7% of our workers as people with disabilities. The law says we must measure our progress towards this goal. To do this, we must ask applicants and employees if they have a disability or have ever had one. People can become disabled, so we need to ask this question at least every five years.

Completing this form is voluntary, and we hope that you will choose to do so. Your answer is confidential. No one who makes hiring decisions will see it. Your decision to complete the form and your answer will not harm you in any way. If you want to learn more about the law or this form, visit the U.S. Department of Labor's Office of Federal Contract Compliance Programs (OFCCP) website at www.dol.gov/ofccp.

How do you know if you have a disability?

A disability is a condition that substantially limits one or more of your "major life activities." If you have or have ever had such a condition, you are a person with a disability. **Disabilities include, but are not limited to:**

- Alcohol or other substance use disorder (not currently using drugs illegally)
- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS
- Blind or low vision
- Cancer (past or present)
- Cardiovascular or heart disease
- Celiac disease
- Cerebral palsy
- Deaf or serious difficulty hearing
- Diabetes
- Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders
- Epilepsy or other seizure disorder
- Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome
- Intellectual or developmental disability
- Mental health conditions, for example, depression, bipolar disorder, anxiety disorder, schizophrenia, PTSD
- Missing limbs or partially missing limbs
- Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports
- Nervous system condition, for example, migraine headaches, Parkinson's disease, multiple sclerosis (MS)
- Neurodivergence, for example, attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia, other learning disabilities
- Partial or complete paralysis (any cause)
- Pulmonary or respiratory conditions, for example, tuberculosis, asthma, emphysema
- Short stature (dwarfism)
- Traumatic brain injury

Disability Status

Please select

PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

Submit Application

[Privacy](#) - [Terms](#)



Product

[Corporate card](#)

Platform

[Brex AI](#)

Company

[About Brex](#)

Resources

[Customer Hub](#)

Business account	Global ready	Careers	Help center
Expense management	Native integrations	Contact	Resource center & blog
Accounting automation	Live Budgets	Partner portal	Accounting services
Bill pay	Mobile app	Press	Status
Travel	API	Security	Legal agreement
Startups			Privacy
Financial modeling			Cookie preferences
Release notes			



©2024 Brex Inc. All rights reserved. Brex and the Brex logo are registered trademarks of Brex Inc. (“Brex”).

The use of Brex’s platform and services is subject to eligibility requirements and terms of service, learn more at Brex.com/legal. Service-specific terms apply, including but not limited to our [Brex Card Terms](#), [Rewards Terms](#) and [Travel Terms](#). Offers contingent on using Brex services are subject to being eligible and qualifying for those services. All access to and use of our services is also governed by our [User Terms](#).

The Brex Mastercard® Corporate Credit Card is issued by Emigrant Bank, Member FDIC, Fifth Third Bank, N.A. Member FDIC, and/or Airwallex (Netherlands) B.V. [Terms and conditions apply](#) and are subject to change.

Brex also provides a Brex Card issued by Sutton Bank, Member FDIC, pursuant to a license from Visa® U.S.A. Inc. Valid only in the US. No ATM access. Visa® is a registered trademark of Visa U.S.A. Inc. All other trademarks and service marks belong to their respective owners.

The Brex business account consists of Checking, which is a commercial demand deposit account offered by Column N.A. (“Column”), member FDIC, as well as Treasury and Vault, which are cash management services offered by Brex Treasury LLC (“Brex Treasury”), member FINRA and SIPC, an affiliate of Brex.

Brex is a financial technology company, not a bank. Checking accounts and banking services are provided by Column.

Securities are offered through Brex Treasury. The Brex Treasury cash management account allows customers to sweep uninvested cash balances into certain money market mutual funds or FDIC-insured bank accounts at [program banks](#). Funds are independently managed and are not affiliated with Brex Treasury.

Brex Treasury is not a bank nor an investment adviser and a Brex business account is not an FDIC-insured bank account. Review the background of Brex Treasury or its investment professionals on [FINRA's BrokerCheck website](#).

SIPC currently protects the assets in securities accounts at Brex Treasury up to \$500,000 (including \$250,000 for claims for cash). Please see <https://www.sipc.org/> for more information.

Investing in securities products involves risk and you could lose money. Yield is variable and fluctuates. Carefully consider a fund's investment objectives, risks, charges and expenses, as described in the applicable mutual fund's prospectus. Contact us for a copy of the fund prospectus. Past performance is not a guarantee of future results.

See the [Brex Business Account Terms & Brex Treasury Account Agreement](#), [Brex Business Account Sweep Disclosure](#), [Column Commercial Demand Deposit Account Agreement](#), and [Column Sweep Agreement](#) for important terms, conditions, and disclosures.

This is not an offer to buy or sell, or a solicitation of an offer to buy or sell, any security, and no buy or sell recommendation should be implied.

All loans are subject to approval, and restrictions may apply. Nothing herein should be construed as a commitment to lend.

Certain services available through Brex may be provided by Brex Payments LLC (NMLS #2035354), an affiliate of Brex and a [licensed](#) money transmitter.

Brex does not guarantee any third-party product, service, information, or recommendation. The third parties providing these products or services are solely responsible and liable for them. Be sure to review third party offers for restrictions or conditions that may apply. Brex may receive compensation from third parties for referring you to them or their products.