ANDROID STATIC ANALYSIS REPORT

app_icon

🤖 Bend (4.2.3)

File Name:	com.bowerydigital.bend_145.apk
Package Name:	com.bowerydigital.bend
Scan Date:	Aug. 29, 2025, 8:31 p.m.
App Security Score:	**54/100 (MEDIUM RISK)**
Grade:	**B**
Trackers Detection:	4/432

◐ FINDINGS SEVERITY

🐞 HIGH	⚠ MEDIUM	ℹ INFO	✔ SECURE	🔍 HOTSPOT
0	15	2	1	2

📦 FILE INFORMATION

File Name: com.bowerydigital.bend_145.apk
Size: 25.3MB
MD5: 2642eebe4e3cb60d8f0242514d767522
SHA1: 1ec4c40a378b1713bbcf8e65c58f18c2b0764ad1
SHA256: b776f5df3901bb927f887854d3658bde54d1b7842c44bcaff5150c9bb7a0cb45

ℹ APP INFORMATION

App Name: Bend
Package Name: com.bowerydigital.bend
Main Activity: com.bowerydigital.bend.app.MainActivity
Target SDK: 35
Min SDK: 26
Max SDK:
Android Version Name: 4.2.3

Android Version Code: 145

▦ APP COMPONENTS

Activities: 11
Services: 9
Receivers: 5
Providers: 2
Exported Activities: 3
Exported Services: 1
Exported Receivers: 2
Exported Providers: 0

❇ CERTIFICATE INFORMATION

Binary is signed
v1 signature: False
v2 signature: True
v3 signature: True
v4 signature: False
X.509 Subject: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android
Signature Algorithm: rsassa_pkcs1v15
Valid From: 2022-01-17 15:23:01+00:00
Valid To: 2052-01-17 15:23:01+00:00
Issuer: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android
Serial Number: 0xd4822d8b6f65b00c30a544cf691f60e157f46b7f
Hash Algorithm: sha256
md5: b58582d3b431cc0e10144bc5330f7c6a
sha1: 83cffcf73e5f6a473eb7127030c5c06b5b624428
sha256: f2370bccea1bcacd85cece64f5dfec2c0ce61dba4b10ee59b60a2f053e4267b8
sha512: e619f631f129952223119d76a2c52e6b1b3463bf948d00afb9921b983794565788e1b584a18d0b66de84f318c882056ee9ce9f31b60ce3f6c3a9c85a0ead4ce2
PublicKey Algorithm: rsa
Bit Size: 4096
Fingerprint: 61dc0caf83395684886cb60df3f45fda36eaf56188220cc381b3f82f0aa1e761
Found 1 unique certificates

☰ APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.ACCESS_WIFI_STATE	normal	view Wi-Fi status	Allows an application to view the information about the status of Wi-Fi.
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
com.google.android.gms.permission.AD_ID	normal	application shows advertisements	This app uses a Google advertising ID and can possibly serve advertisements.
com.android.vending.BILLING	normal	application has in-app purchases	Allows an application to make in-app purchases from Google Play.
android.permission.RECEIVE_BOOT_COMPLETED	normal	automatically start at boot	Allows an application to start itself as soon as the system has finished booting. This can make it take longer to start the phone and allow the application to slow down the overall phone by always running.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.SCHEDULE_EXACT_ALARM	normal	permits exact alarm scheduling for background work.	Allows an app to use exact alarm scheduling APIs to perform timing sensitive background work.
android.permission.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.
android.permission.ACCESS_ADSERVICES_ATTRIBUTION	normal	allow applications to access advertising service attribution	This enables the app to retrieve information related to advertising attribution, which can be used for targeted advertising purposes. App can gather data about how users interact with ads, such as clicks or impressions, to measure the effectiveness of advertising campaigns.
android.permission.ACCESS_ADSERVICES_AD_ID	normal	allow app to access the device's advertising ID.	This ID is a unique, user-resettable identifier provided by Google's advertising services, allowing apps to track user behavior for advertising purposes while maintaining user privacy.
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.

PERMISSION	STATUS	INFO	DESCRIPTION
com.google.android.providers.gsf.permission.READ_GSERVICES	unknown	Unknown permission	Unknown permission from android reference
com.bowerydigital.bend.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference

🔎 APKID ANALYSIS

FILE	DETAILS
2642eebe4e3cb60d8f0242514d767522.apk	<table><tr><th>FINDINGS</th><th>DETAILS</th></tr><tr><td>Anti-VM Code</td><td>possible VM check</td></tr></table>
classes.dex	<table><tr><th>FINDINGS</th><th>DETAILS</th></tr><tr><td>Anti-VM Code</td><td>Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check</td></tr><tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr></table>

FILE	DETAILS
classes2.dex	

FINDINGS	DETAILS
Compiler	r8 without marker (suspicious)

FILE	DETAILS
classes3.dex	

FINDINGS	DETAILS
Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.BOARD check Build.TAGS check SIM operator check network operator name check possible VM check
Anti Debug Code	Debug.isDebuggerConnected() check
Compiler	r8 without marker (suspicious)

BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.bowerydigital.bend.app.MainActivity	Schemes: bend-and://,
com.google.firebase.auth.internal.GenericIdpActivity	Schemes: genericidp://, Hosts: firebase.auth, Paths: /,
com.google.firebase.auth.internal.RecaptchaActivity	Schemes: recaptcha://, Hosts: firebase.auth, Paths: /,

🔒 NETWORK SECURITY

NO	SCOPE	SEVERITY	DESCRIPTION

📇 CERTIFICATE ANALYSIS

HIGH: **0** | WARNING: **0** | INFO: **1**

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate

🔍 MANIFEST ANALYSIS

HIGH: **0** | WARNING: **7** | INFO: **0** | SUPPRESSED: **0**

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable Android version Android 8.0, minSdk=26]	warning	This application can be installed on an older version of android that has multiple vulnerabilities. Support an Android version => 10, API 29 to receive reasonable security updates.
2	Broadcast Receiver (com.adjust.sdk.AdjustReferrerReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.INSTALL_PACKAGES [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
3	Activity (com.google.firebase.auth.internal.GenericIdpActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
4	Activity (com.google.firebase.auth.internal.RecaptchaActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
5	Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.auth.api.signin.permission.REVOCATION_NOTIFICATION [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
6	Activity (androidx.compose.ui.tooling.PreviewActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
7	Broadcast Receiver (androidx.profileinstaller.ProfileInstallReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

</> CODE ANALYSIS

HIGH: **0** | WARNING: **5** | INFO: **2** | SECURE: **1** | SUPPRESSED: **0**

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	[Files may contain hardcoded sensitive information like usernames, passwords, keys etc.](#)	warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	Lb/b.java Mb/C1691e.java Mb/w.java Mc/b.java P/G.java Q3/c.java R0/C1819g.java R0/S.java U/C1921a1.java U/C1964t0.java com/adjust/sdk/Constants.java com/revenuecat/purchases/amazon/AmazonBillingKt.java com/revenuecat/purchases/amazon/AmazonCacheKt.java com/revenuecat/purchases/common/BackendKt.java com/revenuecat/purchases/common/BackgroundAwareCallbackCacheKey.java com/revenuecat/purchases/common/caching/DeviceCache.java com/revenuecat/purchases/common/diagnostics/DiagnosticsEntry.java com/revenuecat/purchases/common/diagnostics/DiagnosticsHelper.java com/revenuecat/purchases/common/diagnostics/DiagnosticsTracker.java com/revenuecat/purchases/common/offlineentitlements/ProductEntitlementMapping.java com/revenuecat/purchases/common/verification/DefaultSignatureVerifier.java com/revenuecat/purchases/common/verification/Signature.java com/revenuecat/purchases/common/verification/SigningManager.java com/revenuecat/purchases/strings/Configur

NO	ISSUE	SEVERITY	STANDARDS	FILES
				eStrings.java com/revenuecat/purchases/subscriberattributes/SubscriberAttribute.java
				com/revenuecat/purchases/subscriberattributes/SubscriberAttributeKt.java fc/C3103a.java hc/C3388b.java hc/r.java ic/AbstractC3465f.java io/grpc/internal/S0.java n2/C3964a.java y4/InterfaceC5117a.java y4/d.java zf/d.java
				A1/i.java A1/o.java Ac/c.java B1/d.java B3/h.java C2/f.java C3/d.java Cb/B.java Cb/G.java Cb/H.java Cb/M.java Cb/N.java Cb/a0.java Cb/h0.java D2/g.java D3/a.java Db/f.java Db/n.java F0/N.java F1/AbstractC1493e0.java F1/AbstractC1531y.java F1/C1532y0.java F1/X.java F3/a.java Fa/a.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				G1/t.java
				H/g.java
				I1/c.java
				Ia/c.java
				Jb/C1602y.java
				Kc/a.java
				Kc/e.java
				L/u0.java
				L6/a.java
				N1/c.java
				Oc/B.java
				Oc/C1737g.java
				Oc/D.java
				Oc/G.java
				Oc/k.java
				Oc/x.java
				Pc/a.java
				Qc/c.java
				Qc/f.java
				Rc/a.java
				Rc/b.java
				Rc/h.java
				S0/M.java
				Sc/b.java
				T0/a.java
				U/AbstractC1922b.java
				Va/d.java
				W1/b.java
				Wa/b.java
				Y0/c.java
				Ya/g.java
				aa/k.java
				b2/AbstractC2375a.java
2	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	c1/C2427B.java
				c1/C2435a.java
				c1/m.java
				c1/x.java
				cd/C2525u.java
				com/adjust/sdk/Logger.java
				com/revenuecat/purchases/common/Defau

NO	ISSUE	SEVERITY	STANDARDS	FILES
				ltLogHandler.java
				HdC2917d.java
				da/AbstractC2936a.java
				db/C2945i.java
				g/e.java
				h0/f.java
				h1/b.java
				h1/g.java
				h2/c.java
				i2/C3429a.java
				j1/C3565b.java
				k1/f.java
				k4/c.java
				l1/o.java
				lc/s.java
				m/c.java
				m2/m.java
				mc/g.java
				o3/C4028a.java
				o3/n.java
				o4/h.java
				p1/C4173f.java
				rd/C4434a.java
				sc/C4508b.java
				t1/AbstractC4581d.java
				t1/AbstractC4582e.java
				t1/l.java
				t1/q.java
				t1/x.java
				tc/c.java
				u3/n.java
				v1/AbstractC4794c.java
				v1/d.java
				v1/h.java
				va/C4840g.java
				w1/j.java
				w1/o.java
				w1/p.java
				w1/r.java
				w1/t.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				wb/e.java x3/f.java x3/v.java
				xa/C5043a.java xa/b.java xa/d.java xa/e.java xa/m.java xa/n.java xa/o.java xb/C5045b.java xb/o.java xc/e.java ya/AbstractC5142d.java
3	App uses SQLite Database and execute raw SQL query. Untrusted user input in raw SQL queries can cause SQL Injection. Also sensitive information should be encrypted and written to the database.	warning	CWE: CWE-89: Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection') OWASP Top 10: M7: Client Code Quality	yb/C5146b.java z3/AbstractC5227a.java C3/c.java gc/T0.java gc/t1.java ha/M.java ha/W.java o4/k.java
4	The App uses an insecure Random Number Generator.	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	Fc/d.java Rc/b.java Td/a.java Td/b.java Ud/a.java com/adjust/sdk/Util.java io/grpc/internal/C0.java io/grpc/internal/C3546u0.java io/grpc/internal/D.java io/grpc/internal/F.java lc/D.java r2/C4389r0.java sd/i.java x2/s.java yd/h.java yd/j.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
5	This App copies data to clipboard. Sensitive data should not be copied to clipboard as other applications can access it.	info	OWASP MASVS: MSTG-STORAGE-10	Y7/a.java
6	App creates temp file. Sensitive information should never be written into a temp file.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	L9/a.java sc/c.java x3/v.java
7	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	Jb/AbstractC1587i.java db/AbstractC2958v.java
8	SHA-1 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	com/revenuecat/purchases/common/UtilsKt.java sc/C4508b.java

🪪 NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION

🕸 BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	Jb/H.java Lb/f.java Nd/f.java P1/l.java Pb/e.java Rb/a.java com/adjust/sdk/PreinstallUtil.java com/revenuecat/purchases/common/FileHelper.java sc/c.java t1/AbstractC4582e.java w1/t.java x3/v.java xf/x.java z3/b.java
00063	Implicit intent(view a web page, make a phone call, etc.)	control	H6/a.java com/adjust/sdk/ActivityHandler.java com/adjust/sdk/PreinstallUtil.java o3/C4028a.java o3/n.java t8/g.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	H6/a.java o3/C4028a.java
00132	Query The ISO country code	telephony collection	m2/J.java o4/m.java o6/e.java
00096	Connect to a URL and set request method	command network	G4/a.java com/revenuecat/purchases/common/HTTPClient.java o2/i.java tc/c.java

RULE ID	BEHAVIOUR	LABEL	FILES
00089	Connect to a URL and receive input stream from the server	command network	G4/a.java com/revenuecat/purchases/common/HTTPClient.java o2/i.java o4/j.java tc/c.java xb/o.java
00109	Connect to a URL and get the response code	network command	com/revenuecat/purchases/common/HTTPClient.java o2/i.java o4/j.java tc/c.java va/RunnableC4839f.java xb/o.java
00030	Connect to the remote server through the given URL	network	com/adjust/sdk/AdjustLinkResolution.java o2/i.java
00014	Read file into a stream and put it into a JSON object	file	Lb/f.java Rb/a.java sc/c.java
00191	Get messages in the SMS inbox	sms	com/adjust/sdk/a.java
00036	Get resource file from res/raw directory	reflection	H6/a.java P3/e.java com/adjust/sdk/ActivityHandler.java com/adjust/sdk/InstallReferrerHuawei.java com/adjust/sdk/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00022	Open a file from given absolute path of the file	file	C3/d.java H7/c.java K3/a.java Lb/f.java P1/l.java Y3/i.java x3/v.java
00009	Put data in cursor to JSON object	file	o4/k.java
00024	Write file after Base64 decoding	reflection file	Y3/i.java
00094	Connect to a URL and read data from it	command network	Ob/a.java o2/i.java
00163	Create new Socket and connecting to it	socket	com/adjust/sdk/network/ActivityPackageSender.java
00026	Method reflection	reflection	le/C3801a.java le/C3802b.java
00016	Get location info of the device and put it to JSON object	location collection	o4/g.java
00078	Get the network operator name	collection telephony	o4/m.java
00137	Get last known location of the device	location collection	o4/m.java
00115	Get last known location of the device	collection location	o4/m.java

RULE ID	BEHAVIOUR	LABEL	FILES
00173	Get bounds in screen of an AccessibilityNodeInfo and perform action	accessibility service	G1/t.java
00005	Get absolute path of file and put it to JSON object	file	Lb/f.java
00108	Read the input stream from given URL	network command	o2/i.java
00001	Initialize bitmap object and compress data (e.g. JPEG) into bitmap object	camera	l2/C3771a.java

🗄 FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
Firebase Remote Config enabled	warning	The Firebase Remote Config at https://firebaseremoteconfig.googleapis.com/v1/projects/230862153677/namespaces/firebase:fetch?key=AIzaSyDbBiNdq7_BeHLEWvMo9HRkisCR49d4BD4 is enabled. Ensure that the configurations are not sensitive. This is indicated by the response: {'entries': {'AI_credits': '3', 'AI_model_free': 'gpt-4o', 'AI_model_premium': 'gpt-4o', 'ab_test_version': '00041', 'account_enabled': 'false', 'disable_AI_routine_generation': 'false', 'in_review_mode': 'false', 'rating_prompt': '0', 'rating_prompt_version': '1', 'review_prompt_days_completed': '25', 'show_AI_tab': 'false', 'show_explore_feature': 'true', 'show_share_routine_button': 'false', 'video_instructions_enabled': 'true', 'welcome_email_id': ''}, 'state': 'UPDATE', 'templateVersion': '479'}

⣿ ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	6/25	android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.ACCESS_WIFI_STATE, android.permission.VIBRATE, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.WAKE_LOCK
Other Common Permissions	3/44	com.google.android.gms.permission.AD_ID, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE, com.google.android.c2dm.permission.RECEIVE

Malware Permissions:

Top permissions that are widely abused by known malware.

Other Common Permissions:

Permissions that are commonly abused by known malware.

! OFAC SANCTIONED COUNTRIES

This app may communicate with the following OFAC sanctioned list of countries.

DOMAIN	COUNTRY/REGION
app.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou

⚲ DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
app.adjust.cn	ok	**IP:** 47.104.30.117 **Country:** China **Region:** Zhejiang **City:** Hangzhou **Latitude:** 30.293650 **Longitude:** 120.161423 **View:** Google Map
app.eu.adjust.com	ok	**IP:** 185.151.204.60 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
gdpr.adjust.world	ok	**IP:** 185.151.204.40 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
gdpr.tr.adjust.com	ok	**IP:** 195.244.54.6 **Country:** Turkey **Region:** Izmir **City:** Izmir **Latitude:** 38.412731 **Longitude:** 27.138380 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
api.revenuecat.com	ok	**IP:** 54.158.163.245 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map
app.adjust.net.in	ok	**IP:** 185.151.204.30 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
support.google.com	ok	**IP:** 64.233.177.113 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
app.adjust.com	ok	**IP:** 185.151.204.10 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
api.eu.amplitude.com	ok	**IP:** 3.127.160.87 **Country:** Germany **Region:** Hessen **City:** Frankfurt am Main **Latitude:** 50.115520 **Longitude:** 8.684170 **View:** [Google Map](#)
issuetracker.google.com	ok	**IP:** 64.233.177.101 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** [Google Map](#)
subscription.tr.adjust.com	ok	**IP:** 195.244.54.6 **Country:** Turkey **Region:** Izmir **City:** Izmir **Latitude:** 38.412731 **Longitude:** 27.138380 **View:** [Google Map](#)
gdpr.adjust.com	ok	**IP:** 185.151.204.50 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** [Google Map](#)

DOMAIN	STATUS	GEOLOCATION
subscription.adjust.world	ok	**IP:** 185.151.204.44 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** [Google Map](#)
play.google.com	ok	**IP:** 172.253.124.101 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** [Google Map](#)
www.w3.org	ok	**IP:** 104.18.22.19 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** [Google Map](#)
github.com	ok	**IP:** 140.82.113.4 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** [Google Map](#)

DOMAIN	STATUS	GEOLOCATION
firebase.google.com	ok	**IP:** 74.125.136.113 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
developer.android.com	ok	**IP:** 64.233.176.101 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
gdpr.eu.adjust.com	ok	**IP:** 185.151.204.60 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
subscription.eu.adjust.com	ok	**IP:** 185.151.204.60 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
rev.cat	ok	**IP:** 52.72.49.79 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map
gdpr.us.adjust.com	ok	**IP:** 185.151.204.70 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
subscription.adjust.net.in	ok	**IP:** 185.151.204.34 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
app.adjust.world	ok	**IP:** 185.151.204.40 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
accounts.google.com	ok	**IP:** 172.217.215.84 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
api.ipify.org	ok	**IP:** 104.26.13.205 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** Google Map
api-diagnostics.revenuecat.com	ok	**IP:** 54.243.244.245 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map
api2.amplitude.com	ok	**IP:** 35.86.50.235 **Country:** United States of America **Region:** Oregon **City:** Portland **Latitude:** 45.523449 **Longitude:** -122.676208 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
subscription.us.adjust.com	ok	**IP:** 185.151.204.70 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
www.getbend.co	ok	**IP:** 104.21.64.1 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** Google Map
developer.apple.com	ok	**IP:** 17.253.83.139 **Country:** Singapore **Region:** Singapore **City:** Singapore **Latitude:** 1.289670 **Longitude:** 103.850067 **View:** Google Map
app.tr.adjust.com	ok	**IP:** 195.244.54.5 **Country:** Turkey **Region:** Izmir **City:** Izmir **Latitude:** 38.412731 **Longitude:** 27.138380 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
gdpr.adjust.net.in	ok	**IP:** 185.151.204.33 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
api-paywalls.revenuecat.com	ok	**IP:** 52.203.57.188 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map
app.us.adjust.com	ok	**IP:** 185.151.204.70 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
ns.adobe.com	ok	No Geolocation information available.
firebaseappcheck.googleapis.com	ok	**IP:** 74.125.136.95 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
firebase-settings.crashlytics.com	ok	**IP:** 142.250.9.94 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
errors.rev.cat	ok	**IP:** 67.199.248.13 **Country:** United States of America **Region:** New York **City:** New York City **Latitude:** 40.739288 **Longitude:** -73.984955 **View:** Google Map
schemas.android.com	ok	No Geolocation information available.
docs.revenuecat.com	ok	**IP:** 18.238.109.116 **Country:** United States of America **Region:** Washington **City:** Seattle **Latitude:** 47.627499 **Longitude:** -122.346199 **View:** Google Map
subscription.adjust.com	ok	**IP:** 185.151.204.52 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
regionconfig.eu.amplitude.com	ok	**IP:** 18.238.96.4 **Country:** United States of America **Region:** Washington **City:** Seattle **Latitude:** 47.627499 **Longitude:** -122.346199 **View:** Google Map
firebasestorage.googleapis.com	ok	**IP:** 64.233.185.95 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
regionconfig.amplitude.com	ok	**IP:** 18.155.173.79 **Country:** United States of America **Region:** Washington **City:** Seattle **Latitude:** 47.627499 **Longitude:** -122.346199 **View:** Google Map
aomedia.org	ok	**IP:** 185.199.111.153 **Country:** United States of America **Region:** Pennsylvania **City:** California **Latitude:** 40.065632 **Longitude:** -79.891708 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
console.firebase.google.com	ok	**IP:** 64.233.176.138 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
goo.gle	ok	**IP:** 67.199.248.12 **Country:** United States of America **Region:** New York **City:** New York City **Latitude:** 40.739288 **Longitude:** -73.984955 **View:** Google Map

✉ EMAILS

EMAIL	FILE
support@joinbend.com	l8/d.java

🕵 TRACKERS

TRACKER	CATEGORIES	URL
Adjust	Analytics	https://reports.exodus-privacy.eu.org/trackers/52
Amplitude	Profiling, Analytics	https://reports.exodus-privacy.eu.org/trackers/125
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49

🔑 HARDCODED SECRETS

POSSIBLE SECRETS
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Password"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
"com.google.firebase.crashlytics.mapping_file_id" : "6d038f630729419d9807c3dea0218050"
"google_api_key" : "AIzaSyDbBiNdq7_BeHLEWvMo9HRkisCR49d4BD4"
"google_crash_reporting_api_key" : "AIzaSyDbBiNdq7_BeHLEWvMo9HRkisCR49d4BD4"
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11839296a789a3bc0045c8a5fb42c7d1bd998f54449579b446817afbd17273e662c97ee72995ef42640c550b9013fad0761353c7086a272c24088be94769fd16650
6864797660130609714981900799081393217269435300143305409394463459185543183397656052122559640661454554977296311391480858037121987999716643812574028291115057151

POSSIBLE SECRETS

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394020061963944792122790401001436138050797392704654466679469052796276593991132635693989563081522949135544336539426 43

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30820268308201d102044a9c4610300d06092a864886f70d0101040500307a310b30090603550406130255533 10b3009060355040813024341311230100603550407130950616c6f20416c746f31183016060355040a130f46 616365626f6f6b204d6f62696c653111300f060355040b130846616365626f6f6b311d301b0603550403131446616 365626f6f6b20436f72706f726174696f6e3020170d3039303833313231353231365a180f3230353030393235323 1353231365a307a310b30090603550406130255533310b3009060355040813024341311230100603550407130950616c6f20416c746f31183016060355040a130f46616365626f6f6b204d6f62696c653111300f060355040b13084 6616365626f6f6b311d301b0603550403131446616365626f6f6b20436f72706f726174696f6e30819f300d06092a864886f70d010101050003818d0030818902818100c2 07d51df8eb8c97d93ba0c8c1002c928fab00dc1b42fca5e66e99cc3023ed2d214d822bc59e8e35ddcf5f44c7ae8ade50d7e0c434f500e6c131f4a2834f987fc46406115de20 18ebbb0d5a3c261bd97581ccfef76afc7135a6d59e8855ecd7eacc8f8737e794c60a761c536b72b11fac8e603f5da1a2d54aa103b8a13c0dbc10203010001300d06092a864 886f70d0101040500038181005ee9be8bcbb250648d3b741290a82a1c9dc2e76a0af2f2228f1d9f9c4007529c446a70175c5a900d5141812866db46be6559e2141616483 998211f4a673149fb2232a10d247663b26a9031e15f84bc1c74d141ff98a02d76f85b2c8ab2571b6469b232d8e768a7f7ca04f7abe4a775615916c07940656b58717457b4 2bd928a2

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POSSIBLE SECRETS

80818283848586878889 8a8b8c8d8e8f909192939495969798999a9b9c9d9e9f

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bae8e37fc83441b16034566b

1157920892103562487626974469494075735299969552241357603424222590610685 12044369

▶ PLAYSTORE INFORMATION

Title: Bend: Stretching & Flexibility

Score: 4.721467 **Installs:** 1,000,000+ **Price:** 0 **Android Version Support: Category:** Health & Fitness **Play Store URL:** com.bowerydigital.bend

Developer Details: Bend Health & Fitness, Inc., 4730896714628006179, None, https://bend.com, support@bend.com,

Release Date: Mar 14, 2022 **Privacy Policy:** Privacy link

Description:

Bend is the #1 app for daily stretching with over 10 million users. Our quick & convenient stretching routines help you improve your flexibility and maintain your natural range of motion as you get older. We offer hundreds of stretches and yoga poses along with dozens of easy-to-follow stretching routines designed for all ages and experience levels. It's never too early to start stretching everyday! STRETCHING IS IMPORTANT! A simple, daily stretching routine can have a huge impact on your quality of life. Every time you stretch, you invest in your long-term health and longevity. Stretching benefits include: ⊕ Increase flexibility & mobility in your muscles and joints ⊕ Prevent and relieve pain in your lower back, neck, hips, shoulders and more ⊕ Reduce the risk of injury during outdoor activities and sports ⊕ Improve sleep quality and energy throughout the day ⊕ Improve posture and strengthen your core ⊕ Reduce stress & anxiety ⊕ Improve athletic performance ⊕ Improve circulation and blood flow ⊕ Accelerate muscle recovery ⊕ Improve balance & coordination ⊕ And more! YOUR BODY'S FAVORITE APP™ Bend offers dozens of daily stretching & mobility routines for every occasion. ⊕ "Wake Up" Designed to maintain your body's natural mobility and range of motion. Simple, quick, convenient, and effective, you can do it anytime, anywhere, everyday. ⊕ "Posture Reset" Specifically designed to improve your posture with seated stretches that can correct habitual posture problems by increasing flexibility in the shoulders, back, and neck. ⊕ "Full Body" Focused on improving overall flexibility, with more than 20 stretching exercises and poses that target key muscles and joints throughout your entire body. ⊕ "Sleep" Gentle, long-hold stretches designed to help you unwind and de-stress after a long day at work through better quality of sleep, which is made possible by relieving muscle tension and relaxing the body. ⊕ "Expert" Advance group of stretching exercises and yoga poses that cover all major muscle groups and extremities. Flexibility and range of motion can be improved significantly with their more complex movements. ⊕ "Hips" Open and unlock tight hips with deep, focused stretches designed to improve hip flexibility and undo hours of inactivity from sitting at a desk, in a car, or on the couch. ⊕ "Hamstrings" Improve hamstring flexibility with subtle stretches designed to reduce hamstring tightness and relieve pressure on the knees, pelvis, and lower back. ⊕ "Lower Back" Reduce and prevent lower back pain with gentle stretches designed to increase flexibility in the lower back, pelvis, and hip flexors. ⊕ "Isometric" isometric exercise routines that build muscle, strength, balance, and range of motion in targeted areas through static muscle contraction. ⊕ And more! CREATE YOUR OWN Create your own custom stretching routine suited to your specific needs. Choose from hundreds of stretches, yoga poses, and isometric exercises in our library. EASY-TO-USE Bend makes stretching simple. We use custom illustrations and a timer to guide you through each routine. Every stretch has detailed instructions, information about its benefits, and specific things to be cautious about! STREAKS & ANALYTICS Our dashboard displays your streaks and analytics to track your progress and you can set reminders to help motivate you to stretch every day. FEEDBACK & SUPPORT If you have any questions, feedback, or suggestions, feel free to contact us at hello@bend.com! LEGAL Terms of Use: https://bend.com/terms Privacy Policy: https://bend.com/privacy

⊞ SCAN LOGS

Timestamp	Event	Error

2025-08-29 20:31:33	Generating Hashes	OK
2025-08-29 20:31:33	Extracting APK	OK
2025-08-29 20:31:33	Unzipping	OK
2025-08-29 20:31:33	Parsing APK with androguard	OK
2025-08-29 20:31:33	Extracting APK features using aapt/aapt2	OK
2025-08-29 20:31:33	Getting Hardcoded Certificates/Keystores	OK
2025-08-29 20:31:35	Parsing AndroidManifest.xml	OK
2025-08-29 20:31:35	Extracting Manifest Data	OK
2025-08-29 20:31:35	Manifest Analysis Started	OK
2025-08-29 20:31:35	Performing Static Analysis on: Bend (com.bowerydigital.bend)	OK
2025-08-29 20:31:35	Fetching Details from Play Store: com.bowerydigital.bend	OK

2025-08-29 20:31:36	Checking for Malware Permissions	OK
2025-08-29 20:31:36	Fetching icon path	OK
2025-08-29 20:31:36	Library Binary Analysis Started	OK
2025-08-29 20:31:36	Reading Code Signing Certificate	OK
2025-08-29 20:31:36	Running APKiD 2.1.5	OK
2025-08-29 20:31:40	Detecting Trackers	OK
2025-08-29 20:31:43	Decompiling APK to Java with JADX	OK
2025-08-29 20:32:00	Converting DEX to Smali	OK
2025-08-29 20:32:00	Code Analysis Started on - java_source	OK
2025-08-29 20:32:04	Android SBOM Analysis Completed	OK
2025-08-29 20:32:13	Android SAST Completed	OK

2025-08-29 20:32:13	Android API Analysis Started	OK
2025-08-29 20:32:21	Android API Analysis Completed	OK
2025-08-29 20:32:22	Android Permission Mapping Started	OK
2025-08-29 20:32:28	Android Permission Mapping Completed	OK
2025-08-29 20:32:28	Android Behaviour Analysis Started	OK
2025-08-29 20:32:39	Android Behaviour Analysis Completed	OK
2025-08-29 20:32:39	Extracting Emails and URLs from Source Code	OK
2025-08-29 20:32:44	Email and URL Extraction Completed	OK
2025-08-29 20:32:44	Extracting String data from APK	OK
2025-08-29 20:32:44	Extracting String data from Code	OK

2025-08-29 20:32:44	Extracting String values and entropies from Code	OK
2025-08-29 20:32:47	Performing Malware check on extracted domains	OK
2025-08-29 20:32:55	Saving to Database	OK

Report Generated by - MobSF v4.4.0

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.