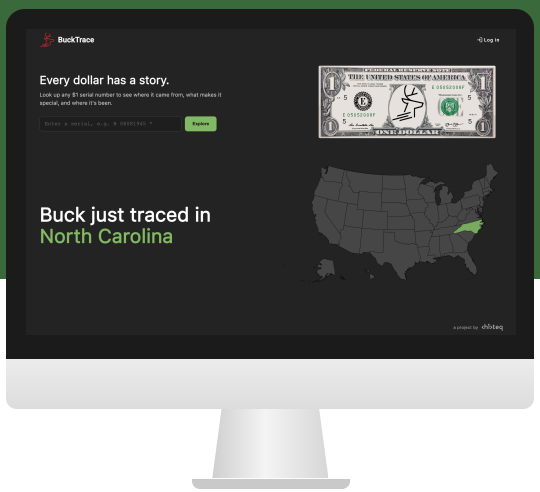
BuckTrace

Dollar Bill Explorer & Tracker



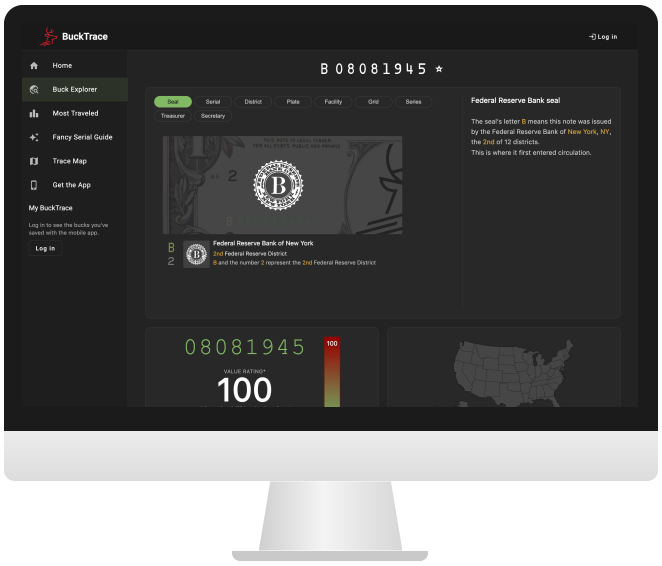
OVERVIEW

Every dollar bill carries a story in its serial number, seal, and plate markings, but most people never look past the face value. BuckTrace decodes any $1 bill from its serial number: which Federal Reserve Bank issued it, where on the printing sheet it was cut, and whether its digits make it worth keeping. Users scan bills with the mobile app and trace each buck's journey across the country.

TECHNOLOGIES USED

Angular 21, NgRx, D3, Leaflet, Firebase Auth, Amazon AWS (S3, CloudFront, Lambda), MongoDB, Node.js, Swift, Google ML Kit, Typescript, CSS

Look up any serial number from the landing page. A live map cycles through the states, matching the sample bill to that state's Federal Reserve district.



The Buck Explorer takes the bill apart piece by piece. Click the seal, serial, plate, or signatures, and the details panel explains what each one says about this buck.

VIEW THE SITE
https://bucktrace.com

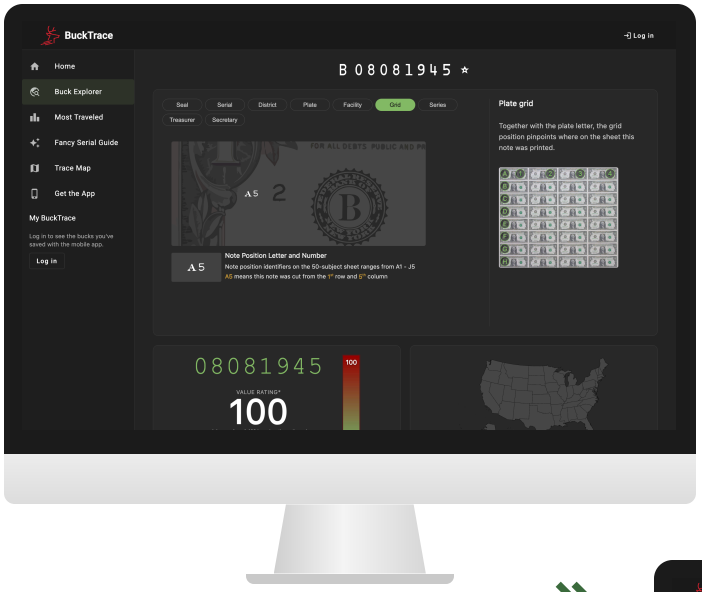
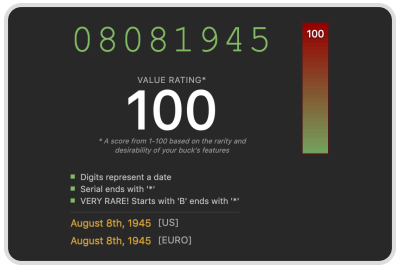
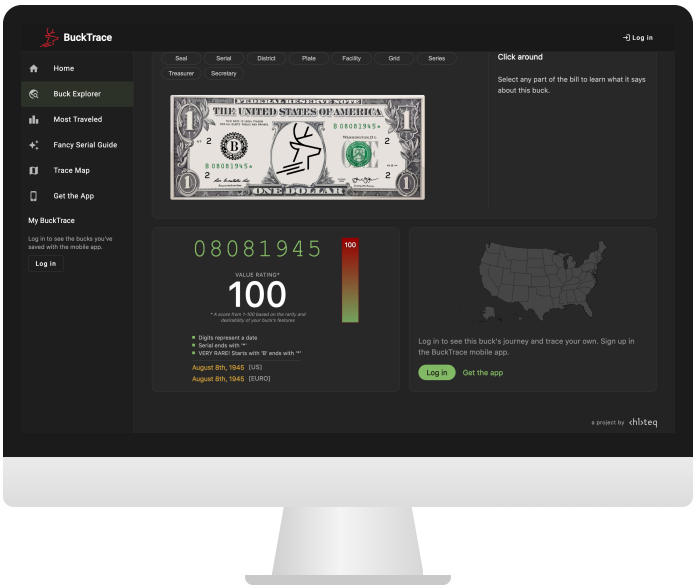
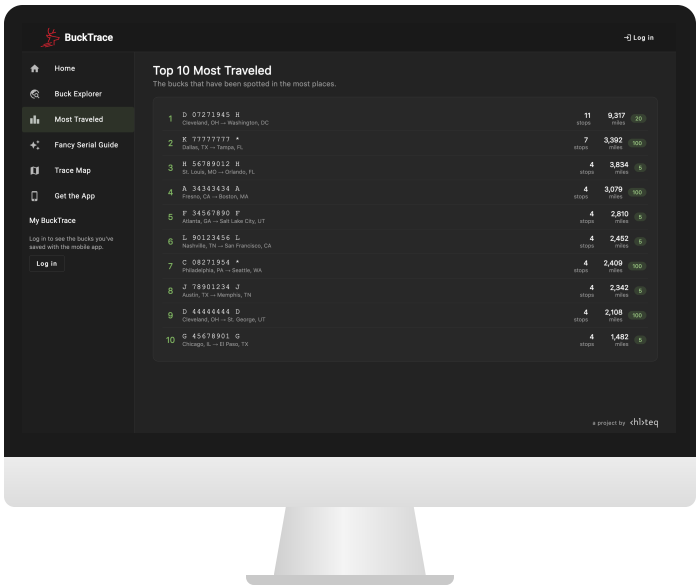


Plate and grid markings pinpoint exactly where on the uncut sheet a note was printed. An overlay of the real sheet shows the row and column.

Every serial gets a Value Rating from 1–100. Birthdays, star notes, radars, and ladders are scored, and dates are translated in both US and European order.







Most Traveled ranks the bucks spotted in the most places by stops and miles. The responsive layout works just as well on a phone.

