

MOBILE ENGINEERING REEL · REACT NATIVE & EXPO

pineapple

One codebase. Every phone.

25+ YEARS SHIPPING APPS / FOUNDER ANTHONY WENTZEL / [PINEAPPLES.DEV](https://pineapples.dev)



THE THESIS

We bet on TypeScript, React Native and Expo.

One typed codebase that ships to iOS, Android and web, with native feel, over-the-air velocity, and backend infrastructure built to absorb millions of users. Native is the easy part; scaling it is the engineering.

THE STACK

HOW WE BUILD FOR MOBILE

01

TypeScript React Native

One typed codebase for iOS, Android and web. Native performance, shared logic, fewer bugs.

02

Expo & EAS

Over-the-air updates, fast cloud builds and store submission with EAS. Ship fixes the same day.

03

Scalable Backend Infra

Serverless, real-time backends that absorb broadcast-scale spikes and millions of daily users.

04

Ship & Operate

CI/CD, App Store / Play delivery, crash monitoring and analytics. We run what we ship.

FINTECH · REWARDS

GET PAID TO GO OUT.

A rideshare rewards app: take a ride, earn cash-back at local venues, all connected to your ride-share account.

Millions

daily active users

iOS · Android

one React Native codebase

FREEBIRD RIDES / PINEAPPLE · REACT NATIVE · REWARDS ENGINE

TYPESCRIPT · REACT NATIVE · MAPS & LOCATION · PAYMENTS · CASH-BACK ENGINE

FINTECH · BITCOIN

READ THE NEWS, STACK SATS.

A consumer app that rewards readers with Bitcoin over the Lightning Network, lifting engagement on BTC Media content 100x while pushing cost-per-action down to pennies.

100x

increase in content
engagement

Pennies

cost-per-action, paid in sats

CARROT · BTC MEDIA / PINEAPPLE · REACT NATIVE · LIGHTNING
TYPESCRIPT · REACT NATIVE · BITCOIN · LIGHTNING NETWORK · IOS · ANDROID

ENTERTAINMENT · LIVE VOTING

AMERICA VOTES, IN REAL TIME.

The companion and voting experience for a national live broadcast, engineered to absorb the traffic spike the moment voting opens.

National

broadcast-scale
concurrency

Spike-ready

burst load when voting
opens

FOX · AMERICAN IDOL / PINEAPPLE · REACT NATIVE · REAL-TIME VOTING

TYPESCRIPT · REACT NATIVE · REAL-TIME BACKEND · BURST-SCALE INFRA

ON GAMEDAY

SPORTS · FANTASY

GAME DAY, IN YOUR HAND.

The NFL's Fantasy Football app with Verizon: real-time game stats and scoring for millions of fans, every Sunday.

Millions Real-time

of downloads to date

P. Mahomes
KC - QB

12.10

ON FIELD

2nd 10:34

10.29

SIDELINE

2nd 3:42

A. Rodgers
GB - QB



GB 7 @ WAS 21

NFL · VERIZON / PINEAPPLE · MOBILE + BACKEND INTEGRATION

REACT NATIVE · REAL-TIME STATS · NFL + VERIZON BACKENDS

14.32

ON FIELD

Final 207

14.55

ON FIELD

2nd 9:15

S. Barkley
NYG - RB



NYG 10 @ HOU 10

WEB3 · MOBILE + AR

ASSETS YOU CAN WALK UP TO.

A universal wallet across web, iOS and Android: multi-chain digital assets brought into the real world with an AR camera and maps.

Millions

daily active users

3

platforms from one client

VATOM / PINEAPPLE · REACT NATIVE · AR

TYPESCRIPT · REACT NATIVE · AR CAMERA · MAPS · MULTI-CHAIN WALLETS

WEB3 · GAMING

WIN IN GAME, OWN IT FOR REAL.

A platform that helps gamers monetize their in-game and digital assets, aggregating multi-chain NFTs across Ethereum, Polygon and Solana wallets.

Millions

daily active users

3 chains

Ethereum, Polygon, Solana

GAINR.IO / PINEAPPLE · REACT NATIVE · WEB3

TYPESCRIPT · REACT NATIVE · ETHEREUM · POLYGON · SOLANA · IOS · ANDROID

HEALTHTECH · REHAB

RECOVERY, MEASURED.

A physical-therapy app that measures knee and hip range of motion with the phone's camera, guides HD video exercises, and connects patients to licensed PTs.

On-device

range-of-motion by camera

Telehealth

1-on-1 PT video, built in

CUROVATE / PINEAPPLE · REACT NATIVE · CV + TELEHEALTH

TYPESCRIPT · REACT NATIVE · ON-DEVICE VISION · VIDEO · TELEHEALTH BACKEND

HEALTHTECH · PUBLIC HEALTH

PROOF OF HEALTH, ON DEMAND.

A digital health passport built during the pandemic: verifiable COVID credentials in the patient's pocket, plus the logistics layer that tracked medical-supply distribution at national scale.

Pandemic

scale, when it mattered
most

Proof + logistics

health credentials and
supply tracking

ESSENTIAL HEALTH PASSPORT / PINEAPPLE · REACT NATIVE · PUBLIC-HEALTH PLATFORM

TYPESCRIPT · REACT NATIVE · VERIFIABLE CREDENTIALS · SUPPLY-CHAIN LOGISTICS

PROPTech · OPERATIONS

PROPERTY, MANAGED FROM ANYWHERE.

Mobile for a property-management platform: managers and residents handle listings, maintenance and payments on the go.

2 sides

manager + resident in one app

On-the-go

operations from the field

Bd/Ba

2/1

SQ Ft

900

Rent

\$800

Available



APPFOLIO / PINEAPPLE · REACT NATIVE · PLATFORM INTEGRATION

TYPESCRIPT · REACT NATIVE · PLATFORM APIS · PAYMENTS

Post Listing

MANUFACTURING · FIELD SALES

SPEC IT ON SITE, BUILD IT ON THE FLOOR.

A field configurator app that turns a sales conversation into a manufacturing-ready spec, integrated via API to the ERP, cutting sales engineering time 10x and lifting sales 2.5x.

10x

faster sales engineering

2.5x

increase in sales

METAL ERA · MTL FALCON / PINEAPPLE · IOS · ANDROID · ERP API
TYPESCRIPT · REACT NATIVE · ERP INTEGRATION · PRODUCT CONFIGURATOR

Mode



Draw



Interact

Accessories

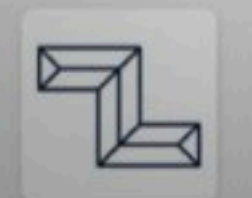


Add Wall Segment



90° Angle

Miters



Z Miter



Peak & Valley



Step-Up Miter



Transition



Undo



Delete



Redo

DEFENSE · RECRUITMENT

RECRUITMENT, REIMAGINED.

A multi-touch iPad experience for the Army's STEM recruitment vehicle, backed by a scalable cloud built for a national campaign. The year it shipped, the Army set a recruitment record.

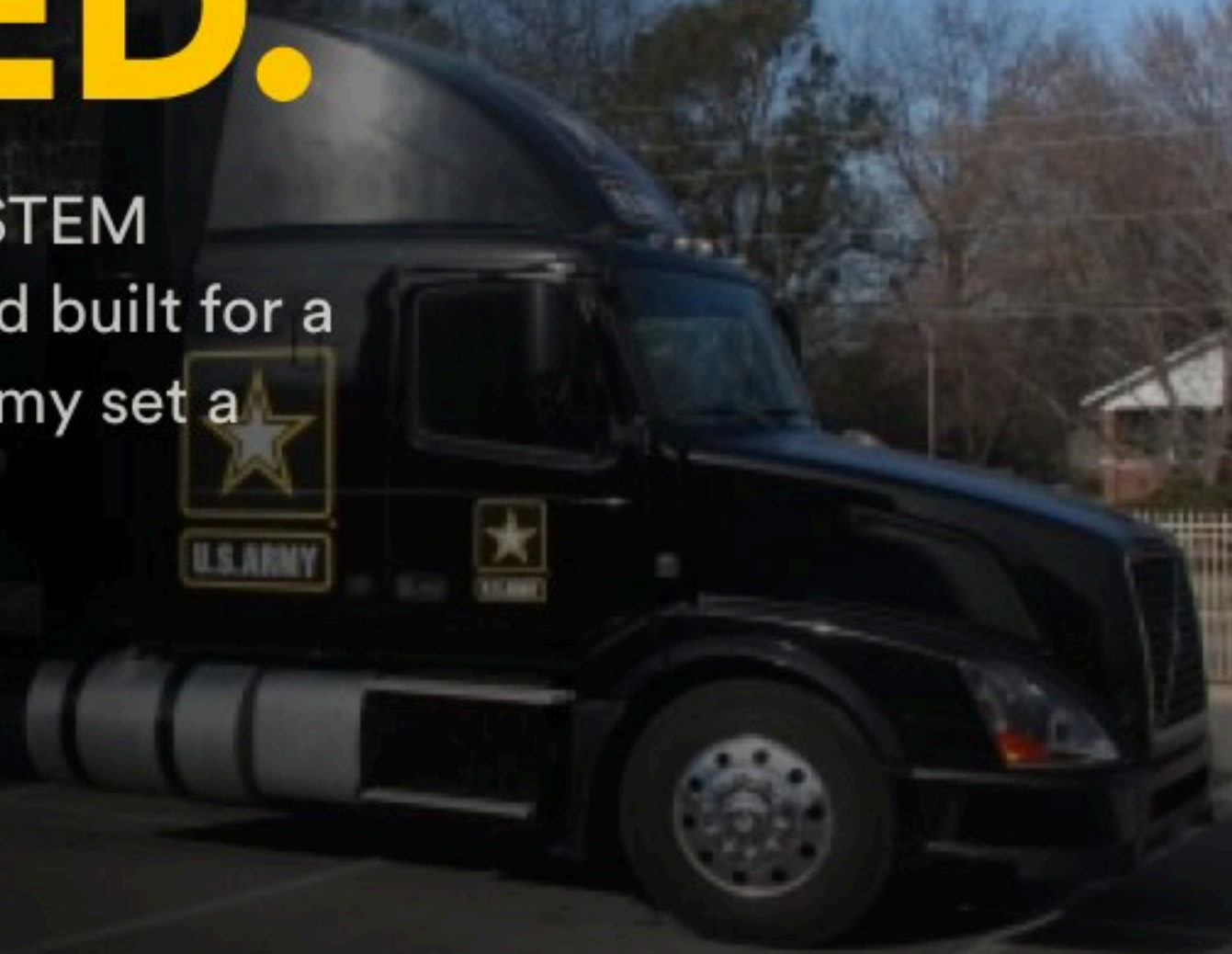
Record National

recruitment year that followed

multi-touch field deployment

U.S. ARMY / PINEAPPLE · IPAD · SCALABLE CLOUD

TYPESCRIPT · REACT NATIVE · MULTI-TOUCH IPAD · AWS IOT · JAVA BACKEND



BUILT TO SCALE

Native is the easy part. Scale is the engineering.

A live-voting spike when a show goes to air. Game-day load every Sunday. Millions of daily users. We pair React Native front ends with serverless, real-time backends: queues, autoscaling functions and event streams, so the app stays fast when everyone shows up at once.

Millions

daily active users across apps

Burst

broadcast-scale traffic spikes

Real-time

live stats, scores and votes

