

Abhishek Uniyal

Senior backend and platform engineer

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Seven-plus years since 2018. Early at Zuddl (YC S20) through its \$13.35M Series A, now founding engineer at SynergyBoat, an AI products studio. I build AI-native products end to end: agent platforms, MCP tooling, sandboxed execution, and the gates that keep them honest.

EDUCATION

B.Tech, Information Technology · SRM Institute of Science and Technology

2015 to 2019

EXPERIENCE

ChargerDojo

Lead Engineer · at SynergyBoat

Nov 2025 to present

- Built a mutant-peer harness: every conformance check is either proven able to fail against a deliberately broken peer, or listed as one no mutation may name.
- Gated the build on more than 1,500 spec citations; drift from the OCPI spec stops the build.
- Ran more than 15,000 automated tests on every change, and shipped on blue/green deploys.
- Hosted an MCP server: protocol questions unauthenticated, account data behind a key.
- Wrote a Go connector so a customer can test an endpoint that sits behind a firewall.
- Paying B2B customers, among them a NYSE-listed payment terminal provider.

TypeScript · Go · React · MongoDB · Redis · Cloudflare Workers · MCP · AWS

SynergyBoat

Founding Engineer & CTO · part-time alongside Zuddl until 2024, full-time from 2024

Jul 2023 to present

- Built the agent platform SDK: MCP tooling, sandboxed execution on isolated-vm and Deno, and queued work on Redis, PostgreSQL and BullMQ.
- Built Dexter, four deterministic checks over a saved file or an agent's diff: architecture, convention, pattern and complexity. Every check is plain code and none calls a model.
- Built DeepQuery, gated and validated plain-English queries across seven database connectors, and Draftly, a content platform whose seven agents each ask for a model tier and fail over up the chain.
- A US EV startup building on the platform moved to 150+ B2B clients, cut its per-client engineering cost by about 40%, and extended its runway on a \$2M seed.

TypeScript · MCP · isolated-vm · Deno · Redis · PostgreSQL · BullMQ · Bun

Zuddl (YC S20)

Senior Software Engineer

Apr 2023 to Dec 2023

Software Engineer II

Jun 2021 to Mar 2023

- Shipped Webinar Platform v1 from scratch to a public release date, on a new design system.
- Built dynamic access control with session and zone permissions, and the live event experience across stage, polls, A/V and networking.
- Covered it with controller and repository-level integration tests.
- Mentored three engineers through code review, technical guidance and pairing.
- Stayed through the \$13.35M Series A.

React · Redux · Java Spring Boot · PostgreSQL

BoldCap (formerly Wekan Enterprise Solutions)

SDE

Mar 2020 to May 2021

- Engineering at a \$500K pre-seed fund, alongside the early-stage teams it backed.
- Planned and launched the fund's first B2B cohort in 60 days, and profiled startups for investment decisions.

Fnplus

Co-founder

2018 to 2020

- Invite-only builder community, grown to 1K+ members.
- Built a gamified learning platform and ran a team of five across product and engineering.

SKILLS

AI systems

MCP tooling · Agent orchestration · Sandboxed execution (isolated-vm, Deno) · AST analysis (ts-morph, ast-grep) · Retrieval on pgvector · LLM routing (Z.ai, OpenAI) · Deepgram

Backend

Java Spring Boot · Hono · Bun · Deno · BullMQ · Gmail API · Plivo

Frontend

React · Redux · Next.js · Remotion · VS Code extension

Data

PostgreSQL · MySQL · MongoDB · Redis · SQLite · pgvector · Supabase

Infrastructure

AWS · Cloudflare Workers · pnpm · Turborepo · Blue/green deploys

Languages

TypeScript · Go · Java · SQL

Practices

Deterministic code gates · Controller and repository-level integration tests · Monorepo builds · Mutation testing

PROJECTS

Lens

Open source · TypeScript, Bun, MCP

A consent layer between AI agents and your data. It gives an agent a scoped, auditable, revocable slice of Gmail by matching intent, not by handing over raw OAuth scopes.

trustmebro

Open source · TypeScript, ast-grep

A completeness benchmark for AI coding agents. It grades behavioral coverage and uses deterministic static analysis to find the gap between looks-done and is-done, with no LLM judge in the loop.

EquityOS

Bun, Hono, React, SQLite

An AI research co-pilot for public markets. It turns public market data into plain-English calls and gates any live trade behind a paper-trade track record. Local-first, read-only by default.

Instify

Kotlin, Firebase, RxJava

An Android app for students and faculty: ERP monitoring, events and note-sharing. 10K+ downloads at 4.5 stars.

AWARDS AND PUBLICATION

Winner, Gen Z Mafia Hackz, education category.

Best paper, IRAJ international conference.

Runner-up, Agilix Hackathon and Code Enigma v2.0.

President, Project Club, SRM Institute of Science and Technology.

Mentor, GirlScript Summer of Code. Event organiser, MIT Media Lab Co-Create.

When Networks Fail: Building a Wireless Mesh Backbone for Disaster Response. International Conference, IRAJ.

CERTIFICATES

200+ QwikLabs badges across GCP, AWS, Docker, Kubernetes and cloud security · UX design, Georgia Institute of Technology · Startup School, Y Combinator

Relocating to the Netherlands or Germany; available immediately.