

AHMAD ARSHAD

✉ ahmad.arshad19@yahoo.com 📞 +92 316 7447364 📍 Lahore, Pakistan (Remote, GMT+5)
🌐 ahmadt.com 🏠 github.com/fateahmed 📱 shortsbot.app (Indie SaaS, \$500+ MRR)

Professional Summary

Senior Full-Stack Engineer with 5 years of experience building production web and mobile applications across Laravel, Vue.js, Next.js, Flutter, and Node.js. Strong background in AI/LLM integration (OpenAI, LangChain, Pinecone, RAG), payment infrastructure (Stripe Payments, Connect, Subscriptions), real-time streaming (BigBlueButton, WebSockets), and DevOps (Docker Swarm, AWS, GitHub Actions). Operate a bootstrapped SaaS at \$500+ MRR. 2+ years of remote work with European teams. Comfortable owning features end to end across backend, frontend, mobile, and infrastructure.

Core Competencies

AI & LLM Integration: OpenAI, LangChain, RAG, Vector Search, Pinecone, Whisper, Deepgram, ElevenLabs

Backend: Laravel (PHP), Node.js, NestJS, Ruby on Rails, Express.js, REST APIs, GraphQL

Frontend: Vue.js (2/3), Next.js, React, Nuxt.js, Tailwind CSS, TypeScript

Mobile: Flutter, Dart, iOS, Android, Fastlane, App Store Connect, Google Play Console

Databases: PostgreSQL, MySQL, MongoDB, Redis, Pinecone, Firebase Realtime Database

DevOps & Cloud: Docker, Docker Swarm, Nginx, AWS (EC2, S3, Lambda, RDS, CloudFront), GCP, GitHub Actions, CI/CD

Payments: Stripe Payments, Stripe Connect, Subscriptions, Webhooks, PayPal

Real-time & Streaming: BigBlueButton, WebSockets, Socket.io, BullMQ, Redis Pub/Sub, FFMPEG

Professional Experience

Senior Software Engineer

YetiTech Limited

Oct 2024 - Present

Lahore, Pakistan

- Led development of **BudgetBuddie**, a personal finance platform with web and mobile (iOS/Android) clients
- Built full-stack solution using Laravel, Vue.js, and Flutter with modular architecture
- Built CI/CD pipelines with GitHub Actions, automating web and mobile deployments
- Improved API response times by 60% through PostgreSQL query optimization and indexing
- Mentored 4 junior developers through code reviews and pair programming

Senior Full-Stack Developer

Getboarded Technologies

Mar 2023 - Oct 2024

Aveiro, Portugal (Remote)

- Led development of “Recap” educational platform integrating BigBlueButton (Ruby on Rails) for live streaming, serving 50+ schools with AI-generated quizzes and transcriptions
- Built AI-powered HR document navigation system with Vue.js, NestJS, and LangChain, reducing legal document processing time by 70%
- Built cross-platform event matchmaking app with Flutter and Firebase, increasing hackathon attendee interactions 3x
- Deployed production infrastructure on Docker Swarm with Nginx, handling 10,000+ daily active users
- Integrated Stripe payments (Payments, Connect, Subscriptions, Webhooks) across 5+ applications, processing \$100K+ in monthly transactions

Full-Stack Developer

Getboarded Technologies

Aug 2022 - Mar 2023

Aveiro, Portugal (Remote)

- Built GetBoarded.com platform frontend with Vue 2 and Laravel REST APIs, supporting 5,000+ registered users
- Built Redis caching layer and BullMQ job queues for backend processing, reducing job execution times by 50%
- Configured Docker Swarm cluster with automated SSL termination and load balancing for zero-downtime deployments
- Delivered client projects across Next.js, Node.js, and Laravel stacks

Mobile App Developer

Getboarded Technologies

Jun 2022 - Aug 2022

Aveiro, Portugal (Remote)

- Delivered 3 production Flutter applications including ride-hailing and delivery platforms with real-time GPS tracking
- Built CI/CD pipelines with Fastlane and GitHub Actions, automating iOS/Android builds and releases
- Worked with UI/UX designers to ship interfaces running at 60fps across iOS and Android

Flutter Developer

Sep 2021 - Jun 2022

Programmers Valley

Lahore, Pakistan

- Built 15+ cross-platform mobile applications integrating Laravel and Node.js backends with Firebase services
- Built UI animations and state management with BLoC and Provider, adopted as team standards
- Published multiple applications to Google Play Store and Apple App Store with 4.5+ star ratings

Indie SaaS & Side Projects

shortsbot.app: AI Short-Form Video Generator (Solo Founder)

2023 - Present

Next.js, Node.js, OpenAI, FFmpeg, BullMQ, Redis, Stripe, TikTok/YouTube APIs

- Built and operate solo SaaS, currently at **\$500+ MRR with zero paid marketing** (organic SEO and content)
- Own full stack: product, infrastructure, billing, customer support, and growth
- Built distributed video processing pipeline (BullMQ + Redis) integrating OpenAI, Deepgram, and ElevenLabs
- Stripe subscription billing with webhook reconciliation, 95% payment success rate

ahmaddt.com: Personal Portfolio & Technical Writing

Ongoing

Next.js, Tailwind CSS, MDX

- Personal site with project case studies and technical writeups

Key Projects

BudgetBuddie: Personal Finance Platform

2024 - Present

Laravel, Vue.js, Flutter, PostgreSQL, Stripe, AWS, GitHub Actions

- Led full-stack development of fintech platform for expense tracking, budgeting, and savings goals
- Built responsive web application and cross-platform mobile apps (iOS/Android) with real-time sync
- Built secure payment integrations and bank connectivity for automated transaction imports
- Deployed infrastructure on AWS with automated CI/CD pipelines

Recap: Educational Live Streaming Platform

2023 - 2024

BigBlueButton, Ruby on Rails, Flutter, OpenAI, Firebase, Docker, AWS

- Built live-streaming solution for schools integrating BigBlueButton's Ruby on Rails backend
- Built cloud recording with automatic AI transcription using Whisper API, generating searchable lecture archives
- Built automated short-form content generator producing reels from lecture highlights
- Deployed on AWS with Docker containers, auto-scaling groups, and CloudFront CDN

A.L.V.O.X: Enterprise RAG Chatbot for Gala Games

2023

NestJS, Pinecone, OpenAI, LangChain, Slack API, PostgreSQL

- Built RAG-based AI chatbot for **Gala Games** HR department, handling 200+ daily employee queries
- Built vector embeddings pipeline with Pinecone for company document retrieval, achieving 94% answer accuracy
- Built Slack integration for employee interaction within existing workflows

Borrow Backs: Rental Marketplace

2022

Flutter, Laravel, PostgreSQL, Stripe, Google Maps API, Firebase

- Built dual-sided marketplace connecting rental merchants with customers, with real-time booking management
- Built geolocation-based search with Google Maps for location-filtered rental discovery
- Published on Apple App Store and Google Play Store with OAuth (Google, Apple) and Stripe Connect for payouts

Technical Skills

Languages: PHP, JavaScript, TypeScript, Dart, Python, Ruby, SQL, Bash

Frontend: Vue.js (2 & 3), Next.js, React, Nuxt.js, Tailwind CSS, TypeScript, HTML, CSS

Backend: Laravel, Node.js, NestJS, Ruby on Rails, Express.js, REST APIs, GraphQL

Mobile: Flutter, Dart, iOS, Android, Fastlane, App Store Connect, Google Play Console

Databases: PostgreSQL, MySQL, MongoDB, Redis, Firebase, Pinecone

DevOps & Cloud: Docker, Docker Swarm, Nginx, AWS, GCP, DigitalOcean, GitHub Actions, Linux, CI/CD

AI / LLM: OpenAI API, LangChain, RAG, Pinecone, Whisper, Deepgram, ElevenLabs, FFmpeg

Real-time & Queues: BigBlueButton, WebSockets, Socket.io, BullMQ, Redis Pub/Sub

Payments: Stripe Payments, Stripe Connect, Subscriptions, Webhooks, PayPal

Practices: Git, Agile, Scrum, Code Review, Remote Collaboration, Team Mentoring

Education

Bachelor of Science in Software Engineering

Aug 2019 - Jun 2024

Superior University

Lahore, Pakistan