

Daniil Gavrilikhin

Full Stack Engineer

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Profile

Full-Stack Engineer with 3+ years of experience, specializing in web development, mobile platforms, as well as compiler design. Experienced with AI-related tools and features, including face detection and LLM-based systems.

Technical Proficiencies

Frontend: Next.js, React Native, Redux, Storybook, Tailwind CSS, Typescript, Swift, Kotlin
Backend: PostgreSQL, AWS, Redis, S3, Pulsar, Python, Rust
DevOps: Docker, Kubernetes, CI/CD

Professional Experience

Full-Stack Engineer, Chatroulette, Dubai

Jan 2023 to Present

Mobile & web performance, UI, internal tooling, CI/CD, and product-quality improvements.

- Led migration to **React Native Web**, unifying web & mobile UI and increasing UI delivery speed by **1.5-2x**
- Built an end-to-end **in-app review flow** (frontend & backend), raising average app rating from **2.8 to 4.0 stars**
- Reduced crash rate to **0.33%** (0.24% below peers) through native fixes, regression testing, and E2E coverage
- Reduced our codebase compilation time from 2 minutes to 12 seconds
- Developed a **Stripe**-dispute countering tool that replaced manual workflow
- Introduced **Storybook** & **Chromatic** for UI documentation and visual regression testing; built reusable components and animations for mobile & web
- Integrated **Sentry** and **Google Analytics** for crash analysis and product metrics tracking
- Optimized **Core Web Vitals**, improving performance scores by up to **20 points**, and enhanced CI/CD with Docker-based workflows
- Managed **Android & iOS releases** and native module integrations;
- Worked with **WebRTC** for P2P video chats
- Worked with **PostgreSQL** (schema design, queries)

Education

MSU-BIT, Shenzhen

Bachelor, Sept 2020 to Jun 2024

Bachelor in Applied Mathematics and Computer Science. Graduated **with Honors**.

Diploma project: designed and implemented a full **LLVM**-backed compiler in **Rust**, including lexer, parser, semantic analysis and **LLVM IR** code generation, demonstrating systems programming, **compiler design**, and Rust expertise.

Links

[GitHub](#), [Portfolio](#)

Languages

English, Russian, Chinese