Ravi Kumar

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Terrasserne 16, 2700 Copenhagen, Denmark

PROFILE

DTU MSc student in Computer Science & Engineering in Copenhagen with 3+ years building production Android (Kotlin) and React web apps. Strong match for CARP's mobile and web tracks and comfortable working with researchers and non-technical users. On site at least 15 hrs/week, flexible around exams and can take more hours if needed. Willing to travel across RH and RSJ.

SKILLS

Mobile: Android (Kotlin, Java), Jetpack Compose, background services, notifications
Web Development: React, Next.js, TypeScript, Tailwind, HTML/CSS
Backend: Kotlin, Java, Spring Boot (basic), Node.js (NestJS, Express), REST APIs, Postgres, Supabase, Firebase
Data processing & Analysis: Python (pandas, numpy), basic analysis and plots
Cloud & DevOps: Docker, GitHub Actions (CI/CD), AWS, GCP, monitoring, staged rollouts
Tools: Android Studio, Git, Postman

EXPERIENCE

Software Engineer — Aug 2021 – Present (Remote)
Maqsad Pvt. Ltd. — *Karachi, Pakistan*

- Built and maintained the Maqsad Android app (1M+ installs) with staged rollouts and CI/CD; improved crash-free sessions and release stability using telemetry-driven fixes.
- Developed the Maqsad website, ensuring high-quality releases and translating educational curriculum requirements into functional application features.
- Built internal React portals and process tools that streamlined content ops and reduced manual steps for non-technical users.
- Partnered with product, design, and QA to scope, ship, and iterate on features; incorporated user feedback from teachers and students into release planning.
- Drove quality assurance practices (feature flags, rollout monitoring, checklists) to keep releases predictable at scale.

Mobile Developer — Sep 2020 – July 2021
Rove Apps — *Karachi, Pakistan*

- Led Android (Java/Kotlin) for an e-commerce client; shipped engagement features and app optimizations.
- Contributed to a personalized mobile health app: integrated device capabilities, implemented reminder flows and secure local storage, and collaborated across design/PM for user-tested iterations.
- Delivered 5 custom Android apps end-to-end within deadlines as part of a small, cross-functional team.

PROJECTS

Artifex Studio | *Next.js, Express.js, Supabase, TypeScript, Tailwind CSS, OpenAI* — June 2025 – Present
- Full-stack content platform with authentication (email verification, secure cookies), session handling, and API orchestration for content generation.

Maqsad Website | *React, TypeScript, Tailwind CSS, NestJS* — Jan 2024 – Sep 2024
- An ed-tech learning platform, guiding students and parents to the app and key resources with a fast, modular React UI.

EDUCATION

DTU - Technical University of Denmark — Copenhagen, Denmark
MSc in Computer Science and Engineering — *Sep. 2024 – Ongoing*

- Study Line: Software Engineering
- Relevant Courses: UX Engineering, Software Development of Web Services, Logic for security, Data Security, Intro to AI

Mehran University of Engineering and Technology — Khairpur Mirs, Pakistan
B.E. Software Engineering — *Oct. 2017 – Dec 2021*

- GPA: 3.8/4.0 (Danish equivalent: 11.2/12)