

Nishant Aanjaney Jalan

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ABOUT ME

I am an Android Application developer aiming to be a Full Stack developer. I specialise in creating applications with various frameworks using Kotlin and JavaScript. I am passionate about the dynamic and evolving technology in this field, and aim to stay updated, innovate and apply my knowledge to provide best solutions.

EDUCATION




MEng in Computing (AI and Machine Learning)

Imperial College London
Oct 2022 - Jun 2026 (expected)

ISC in General Science with Computers

St. Xavier's Collegiate School
May 2017 - Jun 2021

LINKS

 [github](#)
 [linkedin](#)
 [website](#)

HONORS & AWARDS

2022 - Grade 8 Distinction in Electronic Keyboard
2021 - Harmonised Melody Cup for 1st rank in Music Theory Grade 5
2019 - Oracle Certified Java Professional Programmer
2019 - Stood First in National-level coding competition
2019 - Placed First in Inter-school competitions

PROGRAMMING

Java, Kotlin, JavaScript, TypeScript, Android, Nuxt.js, Svelte, Express.js, HTML/CSS, Bootstrap.

SOFT SKILLS

Teamwork, Teaching/Mentoring, Collaboration, Communication.

ARTICLES

How did I land my first I.T. job at 17 years old?
This is the BEST Developer Roadmap
Do you use Kotlin's most powerful tool?

EXPERIENCE

GDSC Imperial College London - Technical Director (Backend) Oct 2022 - Present

- Conducted an "Intro to SWE" workshop where my part is teaching how to use Node and MongoDB.

LearnApp - Software Engineering Intern Mar 2022 - May 2022

- Developed an EditText in Android that supports rich text.
- Created app widgets and shortcuts for various functionalities.
- Designed a project with MVVM Architecture with Network calls with Retrofit, Hilt DI, and Local Caching with Room.
- Worked on ExoPlayer and configured according to the requirements.

SSLCM - Electronic Keyboard Teacher Feb 2021 - Jul 2022

- Taught Electronic Keyboard upto Grade 5 and Pianoforte upto Grade 1.
- Visited my high school weekly to teach Preliminary Electronic Keyboard.

ALMINDS Pvt Ltd - Junior Android Developer Oct 2021 - Dec 2021

- Developed an Android Application in Kotlin using MVVM + Clean Architecture and Data Binding.

- Properly integrated modern programming paradigms: Dependency Injection (Dagger Hilt), Room DB, Flows (Coroutines), Retrofit, ViewModel and LiveData.
- Coded numerous Custom Views to match the complex UI designs and animations.

DoubtConnect - Full Stack Intern Jun 2021 - Sep 2021

- Developed an android application with Kotlin. Initiated network calls, updated Firebase database, created custom components for the UI and debugged errors.
- Switched over to completing the web application using React.js, and debugged server bugs.
- Created an Admin Dashboard website with the Svelte framework and Express.js (with Firebase) for the back-end.

PERSONAL PROJECTS

RESTApi Countries Jun 2022 - July 2022

- This project was adapted from FrontendMentor.io. Used Nuxt3 framework with Bootstrap and FontAwesome library to develop the website to providing statistics on all countries.

X-Uberance 2020 Aug 2020 - Oct 2020

- Developed the Android Application for the annual high school fest. Managed the website and the graphics team, reporting directly to the president.
- Application was entirely built in Kotlin and connected to Firebase Services — Authentication and Cloud Firestore.

The Edugreen App May 2020 - Mar 2020

- Freelance project undertaken for a Student-led NGO. It is an informative application to blog the NGO's events and activities.

WhatsappClone Feb 2020 - Apr 2020

- Created a simple chat application that listens to real-time updates using Kotlin and Firebase.
- Learnt the complex techniques used in RecyclerView to display custom layouts and learnt how to upload images and files to the Firebase Storage.

VOLUNTEERING

Schoolhouse.world - CS and Math Tutor Dec 2021 - Present

- Help learners in programming and mathematics based on specific requests.
- Hosted Live Help Sessions for an hour three times a week.
- Conducted courses to teach SAT Math and Programming.
- Hosted an competitive programming contest for 20 participants.

Schoolhouse.world - Session Auditor Jan 2022 - Sep 2022

- Audited other tutor's sessions to check for policy violations and provided feedback on tutor's mastery, engagement and environment they created in meetings.