



ASHISH CHARANAKUNNEL JOSEPH

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Sex: Male | **Date of Birth:** 04-05-1996 | **Nationality:** Indian

Visa Status: German Jobseeker Visa Holder

PROFILE SUMMARY

- A driven professional with over 4+ years of outstanding experience in the information technology domain
- Adept at Android application development, mobile application development, video streaming applications, retrofit, Room persistence library, Jetpack Compose, ML Kit libraries, Kotlin, and Java
- Experienced Android Developer with a passion for creating innovative apps
- Committed to using technical expertise to deliver high-quality Android apps for diverse devices and users
- Confident communicator, strategic thinker, and creative creator to develop software that is customized to meet a company's organizational needs, highlight its core competencies, and further its success

WORK EXPERIENCE

June 2023 – Present

App Dev & Support Engineer II

Conduent, Bangalore, India

- Adding new features to an enterprise Android application
- Resolving existing bugs and issues within the enterprise app
- Crafting high-quality code to ensure robust functionality
- Gaining expertise in dependency injection, specifically with KOIN
- Commencing unit testing practices within the Jetpack Compose framework

Apr 2021 – May 2023

Design Engineer (SW)

Digital Core Technologies, Kochi, India

- Developed nine Android applications, spanning diverse functionalities like launcher, gallery, maps, and video streaming
- Employed various protocols including UVC, Ethernet, Wi-Fi, and Bluetooth to enhance Android app capabilities
- Implemented modern Android architectural components such as ViewModel, View Binding, Data Binding, and the Navigation Component for efficient app development
- Utilized libraries like Retrofit and Room Persistence for effective data management in Android apps
- Embraced the latest in Android app development by integrating Jetpack Compose for cutting-edge user interfaces
- Integrated Google's ML Kit for human detection in a specific project, adding intelligent capabilities
- Designed and built a document scanning library for versatile functionality
- Engineered a custom RTSP video streaming application using the libVLC library, showcasing multimedia development skills
- Assumed the role of a project manager, successfully leading and overseeing multiple projects to completion

Nov 2019 – Mar 2021

Engineer (SW)

Digital Core Technologies, Kochi, India

- Conceived and executed an embedded system project along with its accompanying Bluetooth Configurator app
- Developed a Gallery Application from the ground up, showcasing proficiency in Android app development
- Engaged in the creation of video streaming applications utilizing the RTP protocol and

	<p>GStreamer technology</p> <ul style="list-style-type: none"> • Demonstrated skills in Java socket programming on Android to facilitate communication with a custom device • Embarked on a learning journey in Kotlin and initiated the development of an Android application 				
July 2019 – Nov 2019	Engineer (Trainee)				
	Digital Core Technologies, Kochi, India				
	<ul style="list-style-type: none"> • During a 4-month training period, underwent comprehensive instruction covering a range of topics, including C programming, embedded systems, the fundamentals of FreeRTOS, and the basics of Linux driver development 				
PROJECT DETAILS					
Jan 2023 – Present	KeepFit Workout Application				
Link	https://github.com/AshishProo4/keepfit-workout				
	<ul style="list-style-type: none"> • Created the “KeepFit Workout” application as a hobby project • Aimed to apply concepts learned in Jetpack Compose • Designed to provide a convenient platform for performing various workouts to maintain fitness and health • Mainly worked on the project during weekends • The app is intended to promote a fit and healthy lifestyle 				
EDUCATION					
July 2016 – June 2019	<ul style="list-style-type: none"> • Bachelor of Technology in Electronics and Communication Engineering from Amal Jyothi College of Engineering, India 				
July 2013 – June 2016	<ul style="list-style-type: none"> • Diploma in Electronics from Government Polytechnic College, Pala, India 				
TRAINING					
July 2019 – Nov 2019	<ul style="list-style-type: none"> • Engineer (Trainee) from Digital Core Technologies, India 				
PERSONAL SKILLS					
Mother Tongue	Malayalam				
Other Language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken in Interaction	Spoken in Production	
English	B2	B1	B2	B1	B2
German	A1				
	Levels: A1/A2: Basic User B1/B2: Independent User C1/C2: Proficient User				
TECHNICAL SKILLS					
Android	Android Studio Kotlin XML Java View Binding Data Binding CameraX Android Jetpack Jetpack Compose Kotlin Coroutines ML Kit JSON Android Kotlin Flow MVVM Android SDK Room Persistence Library Retrofit Text Recognition Constraint Layout Object Detection RecyclerView				
Development	Git C Python Go google colab GitHub Tensorflow				
CORE COMPETENCIES					
	Technical Skills Problem-Solving Communication Teamwork Adaptability Attention to Detail Time Management Continuous Learning Leadership Customer Focus				
PUBLICATION					
Link	<ul style="list-style-type: none"> • https://ieeexplore.ieee.org/document/8993343 				