

Sushant Neupane

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EDUCATION

La Trobe University

Master of Information Technology

Melbourne, Australia

Nov. 2025 – July 2027 (Expected)

The British College

BSc. (Hons) Computing

Kathmandu, Nepal

Sept. 2020 – Sept 2024

- Recipient of the Student Excellence Award for outstanding achievement in academics and extra-curricular activities.
- Delivered a seminar on deploying Android apps to the Play Store, covering best practices such as app size reduction and code obfuscation.

EXPERIENCE

I.T. Security College of Computer Studies

Junior Mobile Developer

Kathmandu, Nepal

June 2025 – Nov 2025

- Migrated key app modules from Android Views to **Jetpack Compose**, improving UI consistency and maintainability.
- Built and integrated new features across platforms using **Kotlin Multiplatform**.
- Configured **Gradle** build variants and product flavors to streamline development and release management.
- Wrote and executed automated tests with **JUnit** and **Espresso** to ensure feature stability.

Hochschule Zittau/Görlitz

Research Intern

Zittau, Germany

June 2024 – Aug 2024

- Developed a hands-free wearable application using **Android**, **Kotlin**, **Java**, and **Spring Boot** for **RealWear Navigator 520**, enabling voice-controlled workflows.
- Engineered a **scalable back-end system** with **MySQL** and **Spring Boot**, optimizing data retrieval for AR-based laboratory tasks.
- Produced a comprehensive "**How to Get Started**" guide and conducted testing, documentation, and demonstration of AR/VR workflows.

F1Soft International

Software Engineering Intern

Kathmandu, Nepal

Sept 2022 – Feb 2023

- Created custom **Android views** and implemented optimized in-app animations using **MotionLayout**.
- Implemented **Google Material Design** components and integrated the **Google Maps API** for geolocation.
- Implemented **Biometric Authentication** for secure financial transaction verification.

PROJECTS

Kastha

GitHub

Jan 2024 – May 2024

- * **Technologies:** Android, SpringBoot, AWS, GitHub Actions, ARCore, Firebase
- * Led backend deployment through a manually configured **CI/CD** pipeline using **GitHub Actions**, ensuring reliable build, deployment, and version management.
- * Integrated **ARCore** to allow users to view products through the camera and place 3D object models in real-world space, improving product visualization.
- * Developed an in-app chat system using **Firebase**, enabling real-time admin–customer communication and improving support responsiveness.

SKILLS & INTERESTS

Frameworks & Languages: Java, Kotlin, Swift, JavaScript, Android, iOS, Jetpack Compose, Spring, Spring Boot.

Tools & Platforms: AWS, GitHub Actions, Docker, Firebase, ARCore, CI/CD, Gradle.