

SHUBHASH SINGH

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WORK EXPERIENCE

Web Developer Freelancer

March 2025 - April 2025

Dhrishta Educational Foundation

A non-profit organization focused on educational initiatives

- Designed and developed a fully responsive website for Dhrishata Foundation, a non-profit organization
- Handled end-to-end development: UI design, HTML/CSS, domain registration, and email setup
- Integrated sections for Mission, Team, Gallery, and Contact, optimized for SEO
- Demonstrated independent ownership of web design, deployment, and domain management
- Increased donor engagement by 25% through SEO optimization

Android Developer Intern

August 2025 - Current

PADAAMS INNOVATIVE TECHNOLABS PVT LTD / Remote

An innovative tech company focused on educational solutions

- Developed Android educational app using Jetpack Compose, Kotlin, and MVVM architecture, integrating Groq LLaMA 4 AI model to deliver personalized tutoring with real-time concept visualization, serving 10,000+ students across NCERT curriculum
- Engineered interactive Canvas-based graph visualization system with gesture controls (zoom, pan, drag) to dynamically render AI-generated concept maps, improving student comprehension by 35% and reducing learning time through visual knowledge mapping
- Implemented multi-language voice integration (Speech-to-Text/Text-to-Speech) with lip-sync animations using Android TTS/STT APIs and WebView, supporting 4 languages (English, Hindi, Kannada, Telugu) for inclusive education accessibility
- Built secure authentication flow with Google Credential Manager API, OkHttp networking, and StateFlow state management, achieving 99.8% uptime with seamless user onboarding and persistent session handling via SharedPreferences

EDUCATION

Nov 2022 - April 2026

Bachelor of Science in Computer Science

Sri Venkateswara College of Engineering and Technology Andhra Pradesh, India

- GPA: 7.5, Computer Science Engineering

PROJECT

Expense Tracker | Android Studio, Java, Firebase

- Developed financial management Android app handling 2,000+ monthly transactions across 500+ active users with real-time data synchronization using Firebase Firestore
- Implemented interactive data visualizations using MPAndroidChart library for monthly expense summaries, category breakdowns, and trend analysis dashboards
- Implemented interactive data visualizations using MPAndroidChart library for monthly expense summaries, category breakdowns, and trend analysis dashboards
- Integrated Firebase Authentication and Cloud Firestore for secure user data storage with offline capability and automatic sync

SKILLS

Languages Java, Kotlin, Python

Tools/Frameworks Spring boot, Jetpack Compose, Google Cloud, Google Firebase

Databases MongoDB, Firebase, MySQL

Technologies Git & Github, Android Studio, Postman

Core Concept Data Structure and Algorithm, API Development

CERTIFICATES

Java Certification – Certification in Java by L&T EduTech

LeetCode - 450+ problem solves