Arun Roshan

Vellore, India

github.com/Arun-Roshan

linkedin.com/in/arun-roshan-120958210

youtube.com/@ArunRoshanTechOfficial

arunroshan360@gmail.com

9486183559

Experience

Jul 2023 –
Aug 2023

Android Developer Intern, *Smarther, Chennai*
- Designed and developed the login, signup, home, search, category, and cart pages for a grocery application. Implemented fingerprint authentication and integrated a variety of widgets.
- Tech Stack: Android Studio, Material UI

Projects

Apr 2024

Smart Agriculture with Blynk IoT,
Nodemcu Board, Soil Moisture sensor, LCD display & I2Cmodule, Relay module
- Developed a device for measuring soil moisture utilizing a NodeMCU board, soil moisture sensor, and relay module. Integrated the device with the Blynk IoT app to monitor readings in real-time.
- https://github.com/Arun-Roshan/soil_moisture

Dec 2022 –
Apr 2023

Sahayaka (Specs for Disabled People), *Android Studio, Java, OpenCV, TensorFlow, Google Firebase, Esp32 Wifi Camera, Bluetooth Module HC-05, Arduino IDE*
- Created specs that translated sign language into speech and vice versa, using a camera, speakers, and a mobile app. The camera captured gestures, and the app recognized actions using a pre-installed dataset, while the speakers echoed the recognized data to the user.
- https://github.com/Arun-Roshan/Sign-lanuage-detection-app

Jan 2023 –
Feb 2023

Nulakam, *Android Studio, Google Firebase Authentication, Google Firestore, Biometric Library*
- Developed a library management system featuring Home, Category, Search, My Saved Books, and Account pages. Implemented biometric authentication and utilized Google Firebase for authentication and database management.
- https://github.com/Arun-Roshan/NULAKAM

Education

Jul 2023 –
present

Master of Computer Applications, *Vellore Institute of Technology, Vellore*
- CGPA : 7.74
- Cloud Computing, Machine Learning, Internet of Things

Sep 2020 –
Apr 2023

Bachelor of Computer Applications, *Vellore Institute of Technology, Vellore*
- CGPA: 8.55
- Android Development, Object Oriented Programming, Software Testing

Skills

Languages and Databases: Java, Python, Kotlin, C, C++, Node.js, Dart, HTML, CSS, MySQL, Google Firerstore, MongoDB

Frameworks and Cloud Services: Flutter, TensorFlow, scikit-learn, Express.js, Material UI, Google Firebase, Microsoft Azure

Tools and Services: Git, Github, Android Studio, Blender, Fusion360, AutoCAD, Power BI, Figma, Canva, Arduino IDE

Soft Skills: Public Speaking, Management, Leadership, Collaboration

Certificates

Data Analytics and Visualization Job Simulation — Credentials: k3vbxYHe9mQpH2yfS

Amazon Web Services, Guvi — Credentials: 8Uf5JVN871H628K306

Elements of AI, University of Helsinki

Awards

Runner Up, *Asian Regional Space Settlement Design Competition*

Best IoT Capstone Project, *VIT*

Earned 20+ Badges, *Google Developer Program*

Earned 30+ Badges and 7 Trophies, *Microsoft Learn*