



NEJA WITTATCHY

PROFILE SUMMERY

Highly motivated and detail-oriented final-year Software Engineering undergraduate with strong hands-on experience in full-stack development, mobile application development, and machine learning. Proven track record of delivering enterprise-grade web and mobile applications, building end-to-end solutions, and contributing to production deployments. Passionate about exploring emerging technologies, problem-solving, and building impactful software systems.

TECHNICAL SKILLS

Languages :

C#, Java, Dart, Python, SQL, JavaScript

Frameworks/Tools :

.NET Core, Flutter, Android Studio, TensorFlow, Keras, Playwright

Web Technologies:

ASP.NET MVC, REST APIs, HTML5, CSS3, JavaScript

Mobile:

Android (Java), Flutter (Android & iOS Deployment)

DevOps:

Git, Bitbucket, Azure, CI/CD pipelines

Testing:

Playwright, Unit Testing

Database Systems:

MySQL, SQLite

Platforms:

Visual Studio, VS Code, Firebase, Xcode, IIS

Server & Networking:

Linux server management, PC hardware/software, intermediate networking

INFO

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PROFESSIONAL EXPERIENCE

Trainee Software Engineer

2021 Aug - Present

eVision Microsystems (PVT) Ltd | Sri Lanka

- Developed C#.NET and .NET Core-based web applications and Android apps using Java.
- Contributed to a Flutter SFA Delivery app and successfully deployed it to the Apple App Store.
- Worked on .NET desktop apps (Inventory Management, POS, and Payroll systems).
- Set up CI/CD pipelines using Azure and Bitbucket and implemented Playwright testing.
- Participated in Agile ceremonies and collaborated closely with cross-functional teams.

PROJECTS & CONTRIBUTIONS

- Mental Health Monitoring App (University Group Project)
- Contributed to a Flutter mobile app for monitoring students' mental health using Firebase backend and Google Sign-In.
- Sinhala Sign Language Recognition System (Final Year Research)
- Built a real-time static sign recognition system using a CNN model with TensorFlow and Keras. Created a custom dataset and integrated the model into a Flutter Android app to translate Sinhala sign language to text.

EDUCATION

BEng(Hons) Software Engineering

Expected: 2025

University of Westminster | IIT Sri Lanka

Completed a wide range of modules including Object-Oriented Programming, Software Development I & II, Database Systems, Machine Learning and Data Mining, Cyber Security, Concurrent Programming, Formal Methods, Algorithms and Theory Design & Implementation, Web Design and Development, Mobile Native and Cross-Platform App Development.

CERTIFICATIONS

- HackerRank: Python (Basic)
- HackerRank: SQL (Basic)
- Software Engineer

ADDITIONAL TECHNICAL SKILLS

- Server Administration: Linux server management, vulnerability scanning, server maintenance
- Web Hosting: IIS configuration and hosting on Windows servers
- Database Work: MySQL schema design, report generation
- Networking & Hardware: Intermediate networking knowledge, PC troubleshooting and support

LEADERSHIP & TEAMWORK

Actively participated in university social work and organizing committees. Gained practical experience in event coordination, teamwork, and communication—demonstrating strong leadership and problem-solving abilities.