NEJA WITTATCHY

PROFILE SUMMERY

Results-driven and detail-oriented Software Engineering graduate with proven expertise in full-stack development, mobile application development, and machine learning. Demonstrated success in delivering enterprise-grade web and mobile applications, architecting end-to-end solutions, and contributing to production deployments. Passionate about leveraging emerging technologies, solving complex problems, and developing high-impact, scalable 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

📞 +94 710337936

✉ nejawittatchy@gmail.com

🌐 nejawittatchy.github.io

in @nejawittatchy

○ @nejawittatchy

📍 249/3, CDL Fernando Lane, Katugasthota Road, Kandy

PROFESSIONAL EXPERIENCE

Trainee Software Engineer   2021 Aug - Present
eVision Microsystems (PVT) Ltd l 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) in Software Engineering   Aug 2025
University of Westminster l 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.