Kirti Thiru Murthy

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Overview

Full-stack software engineer delivering web and mobile applications. Focused on backend systems, internal tooling, and third-party integrations. Seeking full-stack engineering roles.

Experience

Software Engineer Intern Apr 2026 – Present

SeeSharp Solutions *Kuala Lumpur, Malaysia*

- Built and maintained an internal developer tool that lets QA teams write, run, and report on UI and load tests. (Electron, ASP.NET Core)
- Engineered a recorder that saves one browser session as both a UI test and a load test, and runs each one in the app. (Playwright, Gatling)
- Developed WhatsApp chat automation for replies and scheduled sends, with a handoff to a human agent. (ASP.NET Core, PostgreSQL)

Projects

Deep Learning-Based Brain Tumor Classification From MRI Images Using CNN and Enhanced DCNN Architectures

- Co-wrote published research on using deep learning to sort brain scans into three tumor types. (Python, TensorFlow, Keras)
- Turned a YOLOv8 dataset into **2,100+** labeled training scans, then checked labels and added data augmentation. (Python)
- Co-developed a DCNN with **90.3%** test accuracy on **308** scans vs. a baseline's **79.9%**, and meningioma recall of **84%** vs. **37%**. (Keras)

Skills

Languages: C#, TypeScript, JavaScript, Java, Python, SQL
Frameworks: .NET, ASP.NET Core, ABP Framework, Entity Framework Core, React, Next.js, NestJS, Electron, Tailwind CSS
AI and Machine Learning: TensorFlow, Keras, scikit-learn
Infrastructure: Microservices, Node.js, PostgreSQL, Redis, AWS, Docker
Developer Tools: Git, GitHub Actions, CI/CD, Postman, Playwright, Gatling, xUnit, Vitest, Claude Code, Codex, Cursor

Education

Taylor's University Apr 2024 – Apr 2027

Bachelor of Software Engineering (Honours) *Subang Jaya, Malaysia*

- **Relevant Coursework:** Algorithms and Data Structures, Statistics and Machine Learning, Probability and Discrete Mathematics, Artificial Intelligence and Deep Learning, Database Design and Management, Data Modelling and Analytics, UI/UX and Usability, Object Oriented Programming