CHAMINDU HANSANA

Software Engineering Intern (Full-Stack) | Computer Science Undergraduate, NSBM Green University
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PROFESSIONAL SUMMARY

3rd-year Computer Science undergraduate (GPA 3.84/4.00) building full-stack web and mobile applications with React, Next.js, TypeScript, ASP.NET Core, Spring Boot, and PostgreSQL. Deployed a full-stack student marketplace end to end and contributed to recruitment, mobile, and enterprise apps in Git-based teams. Seeking a software engineering internship to grow my full-stack skills.

EDUCATION

NSBM Green University, Sri Lanka *2025 – 2028 (Expected)*

BSc (Hons) in Computer Science | **GPA:** 3.84/4.00 (after 4 semesters, NSBM scale)

Relevant coursework: OOP with Java, Algorithms and Data Structures, Algorithms and Complexity, Database Management Systems, Web Application Development, Software Architecture, Operating Systems, Computer Networks

TECHNICAL SKILLS

Languages	TypeScript, JavaScript (ES6+), C#, Java, SQL, Dart
Frontend	React, Next.js, Tailwind CSS, HTML5, CSS3
Backend	ASP.NET Core, Spring Boot, Spring Security, Next.js API routes, REST APIs, JWT authentication, Entity Framework Core, Prisma
DB & Mobile	PostgreSQL, MySQL	Flutter, Firebase (Authentication, Firestore)
Tools	Git, GitHub, Postman, IntelliJ IDEA, VS Code, Figma
Familiar	Docker, MongoDB, Python, AWS (course-level)

PROJECTS

CampusX | **Student Marketplace & Dorm Discovery Platform** *Solo Project | 2026*

Next.js 15, React, TypeScript, Tailwind CSS, Prisma, PostgreSQL, JWT

- Built a full-stack platform with marketplace listings, dorm discovery, search and filtering, saved items, notifications, reporting, image uploads, and user-to-user messaging; deployed on Vercel.
- Implemented JWT authentication with role-based access, bcrypt password hashing, Zod input validation, and ownership checks on protected routes and API endpoints.
- Designed the Prisma relational schema (users, listings, dorms, conversations, messages, reports) with constraints and indexes.

TalentFlowOS | **Recruitment & Talent Management Platform** *Team Project | 2026*

ASP.NET Core, C#, React, TypeScript, Entity Framework Core, PostgreSQL, JWT

- Contributed to a multi-role platform for candidates, recruiters, hiring managers, and admins on a Clean Architecture backend.
- Implemented registration, email verification, login, password reset, and JWT role-based authorization with BCrypt.
- Wrote unit and integration tests covering the authentication workflows.

PetCare+ | **Pet Health, Veterinary Care & Adoption Mobile App** *Team Project | 2026*

Flutter, Dart, Firebase Auth, Cloud Firestore, Provider

- Implemented email/password registration, Google Sign-In, password reset, and Firestore owner-profile creation with authentication navigation and error handling.
- Built Firestore-backed notifications and pet-adoption workflows using repository abstractions, reactive streams, security rules, and widget tests.

Task Management System | **Full-Stack Enterprise Web Application** *Team Project | 2026*

React, Axios, Spring Boot, Spring Security, MySQL, JWT

- Implemented JWT authentication and authorization with Spring Security (registration, login, custom user details).
- Built the React authentication layer: Context API auth state, protected routes, Axios API client, and login and registration pages.

Sentinel Defense | **Browser Tower Defense Game** *Solo Project | 2026*

JavaScript (ES6+), HTML5 Canvas, CSS3, Web Audio API

- Built a game with 10 waves, 4 tower types, and 5 enemy types using modular ES6 and a requestAnimationFrame loop, with validated LocalStorage saves.

TRAINING & LANGUAGES

Courses: AWS Cloud Practitioner Essentials (Simplilearn) • Getting Started with DevOps on AWS • Introduction to MongoDB • Agile Scrum Master • AI Fluency and Claude Code 101 (Anthropic)

Languages: English – C1 Advanced (EF SET) | Sinhala – Native