My Tech Stack List

SMAK Penabur KotaTangerang
Natural Sciences, Engineering

Indonesian Red Cross Youth Forum
Human Relation Coordinator

Student Council
ICT Coordinator

Youth Red Cross SMAK Penabur
Human Relation Coordinator

Student Volunteer
Social Services

Bina Nusantara University
Computer Science

Part-Time
Lab Assistant

Google Developer Student Club
Member

Software Dev Community
SoSC - UREEKA

Volunteer
Teach For Indonesia

Mentor & Tutor
SASC - Mentoring

Full-Time
Lab Assistant

2020

- Learned Microft Office as tool for creating spreadsheet, word processing and presentation
- Learned Canva as graphic design platform for creating social media graphics, presentations, promotional merchandise and websites
- Learn Adobe CC for Video Editing and Graphic Design
- Learned Instagram to post or publish Video and Posters

2021

- Learned Google Workspace Apps to online and collaborate working
- Kelas.com: Proficient in Ms. Office from A-Z
- Learned Writing Paper/Essay from reference journal
  - 1st Winner of Tarumanegara University for Scientific Paper Competition
  - Top 10 Finalist BPK PENABUR Jakarta Scientific Paper Competition

2022

- Led 2 members to carry out social media management and content design for school work
- Held big event ("Proximity Cup") as a Coordinator of Design and IT Media by raising 50+ promotional contents
- Created, designed, and published 100+ contents that complied with student council programs
- Utilized social media analytics and proposed improvements that leveraged new tools and features to attract more students' engagements.
- Learned C++ programming
- Learned Arduino
- Created a High School Project "Arduino code creates a mesmerizing walking LED pattern."

2023

- Learned MonsoonSIM platform business simulation and business gamification platform designed to simulate real-world business processes and environments
  - 1st Winner of Universitas Negeri Jakarta INTEREST Competition for MonsoonSIM Business Simulation Competition Highschool Category
  - Participant of MonsoonSIM National Competition
  - 1st Winner of Mozaic BPK PENABUR Bintaro Jaya Cup for MonsoonSIM Business Simulation Competition
- Learned C programming
  - Making a maze-game
  - Using data structure + C making a restaurant order program
  - Final Project combining all the C materials. 2048-game
  - Classic Snake game in C
  - Making code with hash table. NOtepad - HashTable
- Learned Bubble.io as platform no-code
- Learned No-Code & SaaS Development Platform
- Learned Chat-GPT 4 as Prompt Engineering Platform
  - Created a Project #3 Verbzest for an AI Education Tools
- Learned Marketplace Platform as a Seller
  - Took Management Entrepreneurship Dropshipping & Business Dev. Created: Project #1 Berkat Sukses Store Project #2 Zenlethics
- First contact with Visual Studio Code as IDE
- First contact with Java
  - Basic Java I/O, Repetition, Selection, and Array. Vtix-JavaH1
  - Auto Pathfinding Program (NOT FINISHED). WLibrary-Navigator
  - Java Game Mini RPG (Unfinished on Battle Menu). ARKNIGHTo
- First contact with Vercel as Web Hosting to all project & working
- Learned GitHub to Store All Code as Repository
- First contact with XAMPP as HTTP server
- First contact with Apache as HTTP server
- First contact with HTML5 and CSS3
- First contact with JavaScript
  - First contact with NPM
  - First contact with Node.JS
  - First contact with RestFul API
  - First contact with jQuery
  - Dicoding: Web Front-End for Beginners
  - Project Willify. for human computer interaction
  - Dicoding: Web Programming Basics
  - Created a Project #4 Voyagers as a front end website dev
  - Dicoding: JavaScript Programming Basics
  - Dicoding: JavaScript Programming Basics
  - First contact with Postman
- First contact with SQL
- First contact with NO-SQL
- First contact with SQLite
- First contact with MariaDB as SQL DBMS
- First contact with Figma
- First contact with JavaFx
- First contact with Tensor Flow
- First contact with Google Colabs
- First contact with Jupyter Notebook
  - Dicoding: Machine Learning for Beginners
- First contact with Google Cloud
- First contact with Python
  - As Participant of Samsung Innovation Campus Batch 5 - 2023/2024
  - Skilvul: Algorithm & Data Structures
  - Skilvul: Internet of Things (IoT) - Fundamentals
  - Skilvul: Internet of Things (IoT) - Hardware
  - Skilvul: Internet of Things (IoT) - Software & Platforms
  - Skilvul: Internet of Things (IoT) Project - Building Health Monitoring System
- Dicoding: Basics of Data Visualization

2024

- First contact with Microsoft Azure
  - 3rd place in the Hackathon BINUS x Microsoft : AI for Accessibility 2024 Competition
- First contact with PHP
- First contact with SQL Server
- First contact with Keras
- First contact with Laravel
- First contact with Cisco Packet Tracer
- First contact with OpenCV
- Dicoding: Back-End Applications for Beginners
- First contact with Pandas
- First contact with Scikit-Learn
- First contact with NumPy
- First contact with Matplotlib
- Skilvul: Advanced Python
- Skilvul: Basic Python
- Dicoding: Getting Started with Python Programming
- First contact with AWS
  - Dicoding: AWS Cloud Practitioner Essentials
- Project LawLens for Human Computer Interaction Lecture project
- Project OceanPals for GEMASTIK 2024 National Competition in Indonesia
- First contact with C#
  - First contact with ASP.NET
- First contact with R
- Created a Project #5 Owledge App as UI/UX Design for a replica of Google Classroom
  - First contact with Axure RP
- First contact with RapidMiner
- ASEAN Data Science Explorers: SAP Analytics Cloud and SAP Build Apps
- First contact with Vite
- First contact with React
  - First contact with TypeScript
  - Project PHiscord. Making Discord Clone
  - As Participant of CompFest UI 2024
  - Project created a personal professional dynamic web pages as individual showcase
- First contact with TailwindCSS
  - First contact with Firebase
- First contact with Android Studio
  - First contact with Dart
  - First contact with Flutter
- First contact with Express.JS
- First contact with Electron.js
- First contact with Next.JS
- First contact with XCode as IDE
  - First contact with Swift
- First contact with ArcMap

2025

2026

2027

2028

Created by :
Christopher H.G

-building a modern tech stack as a software engineer-

tech stack is not just the apps. It's also the in-between. the processes, the data, the goals and outcomes.

"a tech stack is a diagram that showcases every technology used to build, run, and maintain a website, project, app, or service"

"a tech stack is the set of technologies used to develop an application, including programming languages, frameworks, libraries, databases, front-end and back-end tools, APIs and business-intelligence"