PANHA SIM

Phoenix, AZ 85017 | (623) 445-1300 | panha.simwestern001@gmail.com

SUMMARY:

Aspiring Full-Stack and Embedded Systems Software Engineer with a strong foundation in software development principles and hands-on experience in project development. A methodical and organized problem solver, eager to contribute to a dynamic team and take ownership of challenging projects. Actively seeking roles that combine full-stack development with embedded systems in innovative environments.

PROJECTS:

- **Full-Stack Blog Post Application (Mern):**
  - Developed a full-stack application using React.js, CSS, JavaScript, Node.js, Express.js, and MongoDB.
    - Implemented user authentication JWT, allowing users to create accounts and publish blog posts.
    - Utilized front-end library like React.js for responsive design and a better user experience.
- **Back End Hospital Appointment Scheduler (Spring Boot):**
  - A Backend server written in spring boot that lets you create, delete, patch patients and doctor. You can also set appointments between patients and doctor.
    - Appointment table have patients and doctor Id as foreign key.
    - **Tech use:** Spring boot, JPA, Postgres, Rest Controller.
- **Discord Bot with ChatGPT API Integration (Node.js):**
  - Created a Discord bot using the Discord.js library and integrated it with the OpenAI ChatGPT API.
    - Implemented functionalities like retrieving information and generating relevant responses using OpenAI API.
- **Chatroom-Socket Programming (Java):**
  - Implemented Java socket programming to create a chatroom where multiple clients can connect to a server and communicate seamlessly.

SKILLS:

- **Programming Languages:** Java, JavaScript, C, C++, C#, Python.
- **Web Development:** Spring Boot, React.js, HTML, CSS, JavaScript, Node.js, Express.js, Restful API, User Auth, ASP.NET, CI/CD.
- **Database Management:** MongoDB, SQL Server, Postgres, Hibernate JPA, Mongoose
- **Version Control:** Git, Plastic SCM
- **Soft Skill:** Familiar with Agile and Scrum methodologies, Organizational ability, methodical approach, ownership, responsibility, Teamwork

EDUCATION AND TRAINING:

- ➢ **Bachelor of Science in Software Engineering**
  Grand Canyon University, Expected 2024

  - Relevant coursework: Relational Databases, Operating Systems, Computer Graphics, Digital Logic and Design, Human-Computer Interaction and Communication, Computer Architecture, Algorithms

and Data Structures, Professionalism in Science & Technology-Communications, Object-Oriented Programming, Applied Linear Algebra, Calculus, Embedded System I.

➢ **High School Diploma**

Shadow Mountain High School, 2020

Achievement: Honor Roll, Super attendances.

Participated in Varsity Soccer

LANGUAGES

English:

Native/ Bilingual

Khmer:

Native/ Bilingual

WEBSITES, PORTFOLIOS, PROFILES

- https://panha-sim.github.io/Portfolio-site/
- https://github.com/Panha-Sim
- https://www.linkedin.com/in/panha-sim-909195255/