Charairat Swaengsap

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https://github.com/operatiumsc

I am someone who is passionate about technology and eager to learn new things. I enjoy adapting new technologies to my work and take pride in the fact that my skills can help companies find innovative solutions and support my team. I am constantly seeking new challenges and experiences to further develop my skills and contribute to the advancement of technology in our country.

Education

- **2013 - 2016   Ramkhamhaeng University**
  Bachelor of Arts (German)
- **2011 - 2012   Thammasat University**
  Computer Sciences

Skills & Abilities

Computer Programming Languages and related skills:

- Dart, Flutter, Visual Basic .NET, JSON
- Flutter State Management: Provider, GetX
- Node.js, Express, Sequelize, Docker
- Microsoft SQL, MySQL
- Source Control (Git), CI/CD (Github Actions)
- Application Programing Interfaces (APIs)
- Basic knowledge of UX & UI Design, System Analysis & Design

Mobile application store websites:

- Google Play Console
- App Store Connect

Platform as a Service websites:

- Basic knowledge of Google Cloud Platform (Firebase, Google Maps)
- Basic knowledge of Amazon Web Service (EC2, S3, Route 53, CloudFront)

Software programs:

- Microsoft Visual Studio, VS Code, XCode
- Microsoft Office such as Word, Excel, PowerPoint

- Adobe Photoshop
- Basic knowledge of AutoCAD

Operating systems:
- Microsoft Windows XP, Vista, 7, 8, 10, 11, Windows Server
- MacOS
- Basic knowledge of Ubuntu

Other tools:
- Postman, Figma, Miro, Trello
- Google Docs, Spreadsheet

Work Experiences

Mode Solutions Co.,Ltd   **Jan 2020 - Present**

Programmer   **3 years, 2 month**

1. Develop, design, and maintain VB.NET applications for school management software.
2. Design, implement, and maintain MSSQL databases.
3. Write and design mobile apps for school management software using Flutter.
4. Design and implement API servers using Node.js and Express.
5. Publish and update applications on Google Play Store and iOS App Store.
6. Maintain company GitHub repositories.
7. Collaborate with cross-functional teams, including developers, designers, and project managers, to develop applications that meet business requirements and user needs.
8. Continuously improve software performance, scalability, and security.

Mode Solutions Co.,Ltd.   **Nov 2018 - Dec 2019**

IT Support   **1 years, 1 month**

1. Provide technical support and assistance to schools that use our cloud-based software programs.
2. Collect and analyze requirements from teachers and other school staff to ensure that the software programs meet their needs.
3. Test software programs to ensure that they are functioning correctly and efficiently.
4. Advise teachers on how to effectively use the software programs and provide training as necessary.
5. Troubleshoot technical issues and provide prompt and efficient solutions.
6. Ensure that all software programs are up to date and running smoothly.

7. Collaborate with the software development team to provide feedback and suggestions for improving the software programs.

TVK Communication Ltd.   **2016 - Nov 2018**

Administrative Officer   **2 years**

1. Answer and direct phone calls to the appropriate staff members.
2. Assist in organizing and scheduling appointments, meetings, and events.
3. Maintain files, records, and other documents.
4. Assist in general administrative duties such as ordering office supplies, managing office expenses, and coordinating with vendors.
5. Calculate and process payroll for all staff members.
6. Create AutoCAD drawings for fiber optic and copper cable routes (AS-built).
7. Responsible for inventory management of fiber optic and copper cables and related instruments.
8. Coordinated with contractors and vendors to ensure timely installation of fiber optic and copper cables.

Conference Attendance
- Canton Fair 2019 (October, Autumn), Guangzhou, China - (2019)

Languages
- English
- German
- Thai (Native)

Hobbies and Interests
- Listen to podcasts about economics, history, investment, science and technology.
- Play video games or watch TV series.
- Plant organic vegetable and foliage plants.