DUY TRUONG HOANG

SOFTWARE ENGINEER

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Profile

Reinforcement learner, researcher and develop rapid prototype deliver business out come. Go har(d) or go home and don't play it safe.

Experience

CORE DEVELOPER, NEXTWORD SIDE PROJECT – AUG 2021 – PRESENT

Nextword located on app store IOS/Android/Web is an English e-learning application support realtime communication across multiplayer, ranking support profiling and analysis engine.

- Support design storyboard UI/UX in Figma, mapping animation with Rive render, running social campaign marketing product to potential customers/users.

- Implement and architecting **Flutter Application** with bloc pattern, state management combine with SocketIO for realtime bidirectional communication.

- CI/CD pipeline using Github Action & 3-party publisher *AppStore*, *GooglePlay*. Manage in app advisement by using Google Admob.

- Implement social account login/register via Firebase Authentication.

- Supporting backend API documentation, wrapping RESTful API declare and design database model.

SOFTWARE ENGINEER, ITSSTRAINING – NOV 2019 – JULLY 2021

- Developed web product outsource for an English center to host their material, support learner to engage with their material and help the organization managed and selling courses, analyze desision base on web application technology.
  (Angular, Go, MongoDB) MAR 2021 - JUL 2021

  - Angular Module create questionnaire question with custom module in QuillJS.

  - Using Angular FormModule *to validate user input.*

  - Using *mongodb-tool CLI, mongoDB compass to aggregate data and export query to Go.*

  - *Learning Go Echo Framework, implement RESTful API and using* mongo-driver.

  - Setup minor corn-job using Go execute mongoDB aggregate and export data.

- Developed company internal blogging web application
  (Angular, Spring boot, MySQL) JAN 2021 - Mar 2021

  - Implement UI base on Figma design, systemize Angular web component.

  - Learning range of open-source TextEditor available on web application.

  - Learning Spring boot and Spring Data JPA implement custom JPA Repository.

- Developed mobile application named QuizBase e-quiz for FE training examination.
  (Flutter, NodeJS, MongoDB) FED 2020 - MAY 2020

  - Implement RESTful API call base-on API documentation.

  - Refactor UI parsing questionnaire into Flutter RichText embedded renderer for audio, picture, video playback. Questionnaire submission/correction UI.

  - Learning Flutter Bloc pattern.

  - Using Jest to write API Unit test

  - Using mongoose base on backend model in NodeJS.

- Intrust and mentor mentee at web development training and FE examination certification training.

- Hosted theoretical talk and hand-on workshop in university campus.
- Sharing technical knowledge across software technology.
- Managed and collaborate with teem of 15 member.
- Organized and prioritized work, complete assignments in time and efficiency manner.

Education

- Hoa Sen University, HCM, Vietnam – Software Engineer, 2017 – PRESENT.
- Japan associate Fundamental IT Engineer of ITPECT certification.
- Google Cloud fundamental training certificate.

Skills

- English Aptis C1 level rated by CEFR.
- Programing Language: Dart, Typescript, Java, Python, C.
- Technology and Framework: Flutter, Angular, NodeJS, ASP.NET CORE, Spring boot, WebRTC, Bluetooth Low Energy, Messages Broker and other CSS framework.
- Familiar in IoT development across development board and IoT PasS platforms.
- Excellent experience in Git/GitHub for source code management and version control, adapted working in Agile *software development life cycles*.

De Référence

- More information about programing, *open-source project with other technology, IoT and framework in generals* will be locate at https://github.com/truonghoangduy.
- Community social activity, workshop and webinar are located at fb.com/gdsc.hsu.
- Certifications and honours are located at https://github.com/truonghoangduy/cretifications-and-honour.
- Skype contact https://join.skype.com/invite/wcKtaX8AITVQ
- Social media account fb.com/truonghoangduy.dev.
- Twitter for tech retweeting https://twitter.com/_truonghoangduy.