
RUEI-PU(ALLEN) KOU

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PROFILE

Meticulous front end developer with 7+ years of experience building and maintaining modern web applications. Proficient in React.js and has been using the library in the fintech industry for developing portals and CRM web applications in the past three years. Continues to be passionate about React.js and its ecosystems, including Redux for state management and UI libraries (Material UI, Ant Design). Currently focusing on optimizing React apps with TypeScript, and develop better state management solutions with RTK-Query and context custom hooks.

SKILLS

Javascript (ES 6/7). TypeScript. ReactJS/ Redux/ Hooks/ RTK Query. Node.JS. Express. Kafka. GraphQL (with Apollo and Prisma). React Native. Flutter. Git. Docker. Jest. Enzyme. React Testing Library (RTL). Ant Design. Material UI. Bootstrap. CSS (SASS). Puppeteer.

EXPERIENCE

WEB DEVELOPER – PAYMENTUS HOLDINGS | RICHMOND HILL, ON, CANADA

| 2021.01 – PRESENT

- Build applications with React.js(TypeScript) and Ant Design UI library
- Implemented POCs for React.js design patterns
- Develop micro-services by the stack of Node.js, Kafka and MongoDB
- Mentor new team members by answering inquires and facilitate frameworks understanding

REACT DEVELOPER – NEXJ SYSTEM INC | NORTH YORK, ON, CANADA | 2019.03 – 2021.01

- Built UI components by React.js primely.
- Built well organized components by advance technics such as Context, Hooks, HOC, and RenderProps.
- Pursued concise-code style by pure components and hooks.
- Implemented component tests by Jest, Enzyme and React Testing Library (RTL).
- Cooperated with PMs and designers to improve UI / UX

WEB DEVELOPER – GELENK NETWORK INC | MARKHAM, ON, CANADA | 2017.09 – 2018.12

- Developed web message APP with feature including Realtime SMS or MMS sending and receiving, user-friendly UI implemented by Material UI, drafts auto-save, and built-in message templates using React and Redux
- Develop a telephone configuration CMS named GenVoice Portal wth features including pie charts and graph usage visualization by BizChart, bills expiration as formatted PDF files, and a IVR (Interactive Voice Response) system with a visual keypad using React and Redux.
- Provided React and Redux training to new staff
- Work collaboratively with a team of back end developer, system architect and project manager

**FRONT END DEVELOPER – UNIVERSITY OF WATERLOO – CONRAD BUSINESS CENTRE
WATERLOO, ON, CANADA | 2017.05 – 2017.08**

- Implemented features based on React and Redux
- Practiced features including dynamic data graph, real-time chatting (Twilio's API)
- Built BDD testing practices (e2e by Cucumber, Selenium and Mocha)
- Cooperated with UI/UX team and enhanced website's components to be more user friendly

WEB DEVELOPER – DIGIM | TAIPEI, TAIWAN | 2014.01 – 2014.05

- Developed retina display friendly RWD pages
- Collaborated with the creative and back-end teams
- Provide internal training for Sass and HTML template(ERB)

WEB DEVELOPER – REXHOLIDAY | TAIPEI, TAIWAN | 2013.07 – 2013.12

- Collaborated with stakeholders to improve an internal itinerary system
- Constructed internal IT devices plans
- Enhanced colleagues' workflow using SaaS

WEB DEVELOPER – WEBIKE.TW | TAIPEI, TAIWAN | 2013.01 – 2013.06

- Designed and developed the first version prototype of eCommerce website base on Magento
- Organized over 300k primitive data to MySQL database
- Deployed project to EC2 instances in LAMP environment on AWS
- Made back-up plans and optimized servers' performances

EDUCATION

DIPLOMA IN COMPUTER PROGRAMMER SENECA COLLEGE
Toronto, ON,Canada | 2015.01 – 2017.07

BACHELOR IN INFORMATION MANAGEMENT HSING-WU UNIVERSITY
Taipei, Taiwan | 2007.08 – 2011.08