Steven Qin

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SUMMARY

- A full stack software engineer with motivation and enthusiasm who lives in Sydney, looking for an opportunity to develop great projects with corporate value.
- A result-driven, detail-oriented tech enthusiast who is constantly eager and thriving to learn new technologies with quick learning skills.
- A good team-worker who is patient with problem solving and looks forward to exceeding company goals and expectations.
- I am able to **work in Australia full time** with no restrictions (prospective permanent visa).

TECHNICAL SKILLS

- **Languages**   HTML5, CSS3/SCSS, JavaScript (ES6), Python, SQL, jQuery, Typescript, Java, php,C
- **Front End**   **React.js,** Redux, Redux-saga, redux-thunk, React-Hooks, Rooter, HOC; Knex bookshelf, Lodash, jwtDecode, Ajax/Axios/Fetch; Pug, Webpack; DvaJs, UmiJs, Bootstrap4/material-UI/Ant Design**,** Flickity, Responsive Web Design;

- **Back End**   **Node.js, Express.js,** Koa.js, KeystoneJS**;** Django*,* Django REST Framework;

  Object Oriented Programming (OOP); **RESTful API**, Swagger, JSON Schema, YAML; Babel, Morgan, PM2, nodemon, jwt, Express-session/Redis, OAuth2; Bcrypt, Helmet, Passport, bodyParser, Nodemail; NumPy, SciPy, Pandas, Matplotlib, Scikit-Learn.

- **Database**   PostgreSQL/mySQL, NoSQL/MongoDB/DynamoDB.

- **Cloud Services** **AWS** (Lambda, EC2, ECS, S3, Amplify, Elastic Beanstalk, API gateway, RDS/Aurora, DynamoDB); Microservices; Heroku, Kubernetes.

- **Tools**   PyCharm, Webstorm, phpStorm; Visual Studio Code; Postman; pip, nvm, npm, yarn; Nginx-wsgi, Docker; Trello, Jira, **Github/BitBucket**; Linux/apt/yum;

- **Testing**   Unit Test (Jest).

- **Concepts**   Data Structures & Algorithms, Machine Learning, Data Mining; Sitemap; Agile/Scrum, Test Driven Development (TDD), CI/CD (Bitbucket pipeline).

EXPERIENCE

Jun. 2020 - Sep. 2020   **Company: MeetKol** *(Link)*

Position: Junior Full Stack Developer (intern and contract)   Reference (with reference letter): Martin Ma

Key Technical Stack and Responsibility:

- **Developed the home268 real-estate website platform (using Django framework) based on UI design and integrated its relevant interaction to the business logic** with new consistent responsive design and abstract patterns (collaborating with another one developer).
  - Python, Javascript, jQuery, Django, postgreSQL, bootstrap, Flickity, Ajax/fetch, Trello
- **Implemented RESTful APIs about share-card images auto-generation back-end server** and deployed it in Alibaba Cloud. Upgraded share-card auto-generator to be reusable in terms of different

share-card templates designed. Implemented share-card image fetching into real-estate website platform with data-driven and optimized user experience with robust programming logic.

- ○ Python, Django REST Framework, PIL, JSON Schema, MD5, Nginx, wsgi, Alibaba cloud (ECS, OSS), Postman, Object Oriented Programming (OOP)
- **Independently developed a commercial project** (Alliances Engineering Corporation Official Website) and deployed on cloud server.

Achievements:

- Knowledge about python Django Web Framework & REST Framework as server framework and relevant integrated admin management system which connects to the database. OOP methodology for back-end development with scalability, reusability and independence.

- Web responsive design implementation with bootstrap and individualization. Database schema designing methodology. Cloud deployment with Nginx, wsgi, bitmap concepts.

- In-depth understanding of the RESTful API interaction concepts about CORS, security, authorization, encryption.

Projects:

- **home268 real-estate website** | *https://zhujia.com.au/*

  A real-estate platform that customers can acquire commercial information about house selling, house renting and relevant real-estate artists via browsing, navigating and filtering. Customers and agents can share house information through the share-card image button. Administrators can add, update and delete the property cards manually.

- **ALLIANCES ENGINEERING Corporation Official Website** | *https://afacade.meetkol.org/*

  A commercial showcasing official website with an admin management system that can make contents management.

Oct. 2019 - May. 2020	**Company: JR Academy** *(Link)*

Position: Junior Full Stack Developer (part time)   Reference (can request): Lightman Wang

Key Technical Stack and Responsibility:

- **Developed the official website and LMS based on UI design and integrated its relevant interaction to the business logic** with following consistent responsive design and abstract patterns.

  - ○ React.js, Redux, Redux-saga, redux-thunk, React-Hooks, Rooter, HOC, Fetch, Pug, Bootstrap4, Ant Design

- **Implemented RESTful APIs as the backend server**, implemented the database with optimized schemas and further realised the interaction with its data-driven frontend components.

  - ○ Node.js, Express.js, Swagger, KeystoneJS, RESTful API, MongoDB, Postman, jwt, Bcrypt, Helmet, Passport, bodyparser

- **Worked in an Agile/Scrum setting of 20 developers and 3 UI designers, used JIRA** to plan, track and manage the project, participated in daily stand-up of up to 10 people and reviewed codes to provide insight and feedback.

  - ○ JIRA, BitBucket, Agile Development

Achievements:

- Through actively studying the project's existing code and the source code of the majority tech stack used by the company, as well as submitting the high quality codes and delivered tasks on time, I grew up fast with the knowledge of reactJS and nodeJS.

- Made deep customization of the project's framework, and discovered the solution to problems. Maintained and upgraded the application components (react) and codes to make them reusable, readable, scalable, independent, and robust. Got access to the interaction between client side and server side.

Projects:

- **JR Academy Official Website** | *https://jiangren.com.au/*

  Official website of JR academy for business showcasing, content blogging.

- **JR Academy LMS** | *https://learn.jiangren.com.au/*

  An online learning management portal with bilingual support, used by students, tutors, professional training instructors, marketing team, and academy management. Used for study material sharing, course video posting and student/staff management.

EDUCATION

2017 - 2019

University of New South Wales (UNSW)

Master's degree, Information Technology

Key Courses:

- Principles of Programming
- Database Systems
- Data Structure & Algorithms
- Computer Networking & Applications
- Data Services Engineering
- Software Service Design & Engineering
- Human Computer Interaction
- Artificial Intelligence
- Machine Learning & Data Mining
- Information Technology Project (Chatbot)