

Steven Bi

Full Stack Developer

Perth WA

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I'm a seasoned Full Stack Developer with a strong passion for crafting end-to-end solutions. I have a solid tech background in web app development and cloud technologies. Currently, I'm enthusiastically exploring AI-related knowledge and building practical skill sets.

For more details, check my page: <https://chen-bbe.github.io/MyPage/>

- Strong proficiency in using Python, Node.js and libraries in both ecosystems.
- Extensive expertise in frontend development with React, Redux.
- Expertise with frameworks like Django, Flask, Express and others.
- Good familiarity with AWS cloud technologies and their equivalents.
- Experiences with SQL & NoSQL DB.
- Familiar with Agile Scrum methodologies in team environment.

Willing to relocate: Anywhere

Personal Details

Eligible to work in Australia: Yes

Highest Level of Education: Bachelor Degree

Total years of experience: 4

Work Experience

Frontend Developer (Contract)

NTT DATA - Perth WA

May 2023 to August 2023

Tech Stack: Python, Dash & Plotly, Flask, React, Azure SQL

Upgrading the client's legacy Power BI application with specified tech stack Dash & Plotly, and collaborating with different teams to demonstrate fully functional prototypes to stakeholders.

- Implemented new Dash & Plotly prototypes with all features and designs as required.
- Connected latest Dash & Plotly prototype with new Azure SQL endpoint.
- Created a caching architectural layer to enhance performance in scenarios involving heavy data loads.
- Identified the gap from upgrading existing Power BI system to customized Dash & Plotly prototype.

Full Stack Developer

Pointerra - Perth WA

June 2022 to December 2022

Tech Stack: Django, Vue, AWS API Gateway, AWS Cognito, AWS Lambda, AWS SQS, AWS Event Bus, AWS SNS, AWS S3 bucket

Maintain the the platform's system and assisted in migrating the system to AWS.

- Added "one button click walk-through" feature for marketing team and created on-board interactive functionalities for platform new users.
- Implemented a notification mechanism broadly across different Slack channels to assist users in different teams.
- Migrated and transformed a portion of workloads to be cloud-based and assisted in the deployment process for Pointerra's SaaS applications.

Software Developer

Atomorphis (Idoba) - Perth WA

November 2020 to June 2022

Tech Stack: React, Redux, Deck.gl, Mapbox, Material UI, FastAPI, Postgres, Docker, AWS

Working on an in-house product (Gemini) from scratch. I led the development of the SPA react web app for Gemini engine and directly collaborated with the CTO on building API architecture layer.

- Implemented the product (Gemini), <https://static1.squarespace.com/static/640eab33ae82eb7bd001b933/t/653f675c3db52712ca4ee98a/1698654049840/231030-Gemini-2page-Brochure.pdf>
- Exploring potential 2D & 3D tools and knowledge, and then contributing to the team's knowledge base via Jira Confluence.
- Played a pivotal role in every steps of the product lifecycle.

Software Developer

Lianjia - 上海市

January 2019 to September 2020

Tech Stack: Python, Django, Celery, Node.js, React, Redux, Alibaba Cloud

Ensure that the platform consistently delivers optimal user experiences across both PC and mobile devices, actively engage in hotfixes in the on-call team.

- Maintain the stability of the platform's system at all times while 3 months on-call team.
- Setting up an alarm system to trigger when the error queue exceeds a threshold in Celery.
- Earning rewards of both full-attendance bonus and outstanding performance in 1st year.

Education

Bachelor of Science (Computing) in Software Engineering

Curtin University - Perth WA

August 2014 to December 2018

Skills

- CSS
- HTML
- JavaScript
- React
- Redux
- RESTful API
- Python

- Flask
- Django
- Docker
- Git
- AWS
- Agile
- Node.js

Links

<http://www.linkedin.com/in/steven-bi-786728a8>

<https://chen-bbe.github.io/MyPage/>