

Zhifa Qiu

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PROFESSIONAL SUMMARY

Bachelor's graduate (Computer Science) from The University of Wollongong with over 2 years of working experience, specializing in front end engineering. Seeking new opportunities to create an impact and make a difference.

WORK EXPERIENCE

Software Developer, Auxilis

Aug 2022 – present

- Developed an Excel add-in as measured by streamlined accounting workflows through automated data extraction, validation, and export to Excel, by using React and the Serverless Framework
- Designed and developed a front-end caching system using React Query and IndexedDB, reducing HTTP requests and increasing search speed by over 90%
- Developed the data snip feature using React Konva, AWS Textract, the Quadtree algorithm, and OfficeJS, enabling users to snip data from PDFs to Excel worksheets
- Developed a modern user interface using Tailwind CSS and Headless UI, enhancing the user experience
- Created a successful proof-of-concept application in just two weeks, resulting in securing over \$200K in funding from a major accounting firm to develop it into a full-fledged product

SKILLS

Programming Languages:

- Proficient in: JavaScript, TypeScript, HTML5, CSS
- Working experience: Python, SQL

Technologies:

React, Next.js, Redux, Jest, Node.js, Express, Angular, Prisma, GraphQL, Dynamoose, Mongoose, Git, Stripe, Drizzle, Amazon Web Service, GitHub, Bitbucket, Vercel, Tailwind CSS, Headless UI

EDUCATION

Bachelor of Computer Science - BS, Computer Science, The University of Wollongong

Dec-2022

- Distinction
- 2020 Dean's Merit List - Faculty of Engineer and Information Science BCompSc
- 2022 EIS Student Mentor Program Mentor

PROJECTS

Full Stack Developer, Horizon Investment (investmenthorizon.io)

Jun 2023 – current

- Developed complex stock graphs using Chart.js and React, enabling investors to analyze market data and pinpoint optimal entry and exit points for their trades
- Developed a front-end caching system using RTK Query to reduce requests to third-party APIs, thereby reducing costs
- Developed a backend API using Express, MongoDB, and Mongoose.
- Developed payment and subscription features using Stripe

Certifications

- AWS Certified Solution Architect - Associate 2023
- AWS Certified Cloud Practitioner 2023

References

- Annie Chong, Program Manager, Auxilis Pty Ltd, annie_chong99@outlook.com
- Parijat Kinshuk, Chief Operating Officer, Auxilis Pty Ltd, Parijatkinshuk@gmail.com
- Kelton Bingham, Senior Manager, BDO Australia, kelton.bingham@gmail.com