

# Jeremy Liu

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## CAREER PROFILE

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Full Stack Developer with 3 years working experience in network field, recently pivoted my career from network engineer to full stack web development and delivered multiple full stack projects.

- Hands on experience in frontend frameworks and languages through group and individual projects: React, Next.js, HTML, CSS, Typescript, Javascript, etc.
- Hands on experience in backend frameworks and database through group and individual projects: Node.js, Express, Nest.js, MongoDB, PostgreSQL, etc.
- Solid skills in agile development and version control tools, such as Jira, Git and Github.
- Experience on DevOps tools through full stack projects, such as Docker, AWS S3, EC2, ECS, Cloud front, Route 53, load balancer, and Vercel.
- Excellent communication and interpersonal skills developed through direct interactions with enterprise clients and business partners as the network engineer.
- Excellent project management skills via closely working with developer team to deliver projects and managing multiple stakeholders across technical and business teams.

## RELEVANT WORK EXPERIENCE

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### Full Stack Developer

2022 - present

#### FotoPie Pty Ltd

- Building multiple frontend components and pages in Next.js using Typescript and MUI, and building API requests using Axios.
- Elaborating multiple backend API interfaces in Nest.js controller with Typescript, and building CRUD services to interact with MongoDB using Mongoose.
- Dockerizing both frontend and backend codes, and deploying them on AWS ECS and Vercel.
- Managing the team with 15 members including BA, developers and DevOps in a role of PO using Jira to deliver tickets, and collaborating with other developers using Git/Github.

### Network Engineer

2019 - 2022

#### Hikvision Australia

- Interacting directly with enterprise clients and business partners to gather and analyse project requirements, and presenting the designed solutions to the customer.
- Designing network topology using TCP/IP, WAN/LAN, Firewalls, Routing & Switching, and working closely with developer team to integrate software products into the projects.
- Working with customers' IT team for project deployment and involving in the troubleshooting process of any issues that may occur during project delivering.

## RELEVANT PROJECT

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### FotoPie Website

- Built user login and signup services in Nest.js with Typescript using JWT as authentication method, Mailgun as verification email service and Bcrypt to encode payloads in MongoDB.
- Built photo profile page using MUI in Next.js with Typescript together with Axios requests to request data and build CRUD services on backend server to retrieve data from database.
- Integrated with Stripe API to add subscription portal to the website, and built webhook on server to listen to events from Stripe and update user subscription information in database.
- Integrated OpenAI API with backend server to build AI image generation function.
- Built photo upload backend function with AWS SDK to store photos in S3, and built photo download function via AWS pre-signed URLs and blob.

### Lion Fitness Website

- Collaborated with UI designer to acquire basic colour/font parameters and built the website navbar, main body and footer using HTML and added styles via CSS.
- Built calculating BMI function and added scroll/click animations using Javascript.
- Added responsive design to the website main page by introducing 4 break points based on UI in different sections to make the website fit with various screen sizes.

### My Portfolio Website

- Built the frontend project in Next.js with Typescript and adopted useState to control the rendering of different sections.
- Styled the website using tailwindcss and added loading animations with Framer Motion.
- Added responsive design to the website to fit with different screen sizes and deployed the project on Vercel.

## EDUCATION

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**Master of Engineering Science (Telecommunications)** 2016 - 2018  
**University of New South Wales**

**Bachelor of Information Engineering** 2012 - 2016  
**Zhengzhou University**

## LANGUAGE

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Native Chinese speaker. Superior in English.

## PROFILE LINKS

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**Linkedin:** <https://www.linkedin.com/in/jeremy-zeyu-liu>

**Github:** <https://github.com/JeremyyyLiu>