

PROFESSIONAL EXPERIENCE

Talked | Software Developer

Southbank, Melbourne | 10.2023 - Present

- Built a mobile app using React Native for a mental health platform where users can easily interact with their therapists.
- The app supported on both Android and ios platform with implementation of video chatting (via Twilio), real-time messaging (via Pusher) and booking appointments and managing upcoming sessions.

Doxle | Software Developer Intern

Mulgrave, Melbourne | 09.2023 - 10-2023

- Working in team of four to utilize and implement React Query for a more efficient real-time data update.
- Built beautiful page UI designs using Styled-components CSS.

TECHNICAL SKILLS

Front-end:

- Strong proficiency in Javascript and familiarity with modern frontend frameworks and tools: React, Redux, React Query, tRPC.
- Experienced with CSS animations in GSAP and 3D animations using Three.js.
- Experienced with RestAPIs and server-side rendering implemented using Node.js and Next.js.
- Good understanding of Git version control.

Back-end:

- Experienced in designing, developing and maintaining scalable backend systems using Node.js and Express.js, leveraging Typescript for optimal efficiency and maintainability.
- Experienced in implementing and optimizing database management using MySQL, MongoDB and PostgreSQL to efficiently handle data.

Machine learning:

- Used Numpy, scikit-learn and TensorFlow to build and train supervised models for prediction and binary classification.
- Constructed a deep learning model to identify pictures of cats.

PROJECTS

Airbnb Clone: Tech Stack: Next13, NextAuth, Prisma (MongoDb) | **Site:** <https://fishta-project-one.vercel.app>

- Testing acc: email: test@test.com | password: 123456
- Advanced search algorithm for real estate properties by category, date range, map location, number of guests, rooms and bathrooms.
- Implemented an effective booking system using packages like leaflet and uploading image functionality via Google Cloudinary.
- Beautiful UI resembles actual Airbnb website.

Comfa: Tech Stack: Node.js, Express.js, React, Redux | **Site:** <https://comfa-shop.onrender.com>

- Admin acc: email: admin@test.com | password: secret
- Implemented Redux client-side state management for better user experience such as adding products to carts and processing through checkout via Paypal; real-time updating their profile information.
- Node.js and Express.js utilised for backend to create RESTful APIs.

Genius – SaaS AI Platform: Teck Stack: Next13, Clerk Authentication, TailwindCSS, MySQL, React-hook-form, TypeWriter (animations) | **Site:** <https://fishta-project-seven.vercel.app>

- Leverages OpenAI and Replicate AI APIs for images, messages, video and music generation tools.
- Implemented Stripe monthly subscription for a fully functional SaaS AI platform.

Notion Clone: Tech Stack: Next13, Convex, Clerk | **Site:** <https://fishta-ten.vercel.app>

- Beautiful UI resembles actual Notion website with dark and light theme.
- Implemented proper notion-style editor, cover images, nested documents, publishing documents to public and real-time database.

Twitch Clone: Tech Stack: Next14, Tailwind, MySQL, Stripe, Prisma, LiveStreaming | **Site:** <https://fishta-project-eleven.vercel.app>

- Implemented streaming using RTMP/WHIP protocols through connection to OBS – a streaming software.
- Users able to adjust chat settings to slow-chat, followers only chat mode or blocking another user from chat. Chat is real-time using sockets.
- Streams are recommended and sorted by live first.

Threads Clone: Tech Stack: Next13, Clerk, Prisma (MongoDb), Zod (data validation) | **Site:** <https://fishta-project-six.vercel.app>

- Fully functional social-media platform where users can follow/unfollow others.
- Users can also read, edit, and delete their posts.

ADDITIONAL INFORMATION

Software Languages: Javascript (Proficient) | Java (Intermediate) | Python (Beginner) | C (Beginner) | HTML/CSS (Proficient) | Typescript (Proficient) | SQL (Beginner)

Frameworks and Tools: React, Next.js, Three.js, Node.js, Express.js, Spring boot, Gsap. Scikit-Learn, Kera & TensorFlow.

EDUCATION

University of Melbourne | Bachelor of Biomedicine

- **Relevant Coursework:** Numerical Computation in C (COMP20005),

Interests

Taking candid pictures of my cats, reading (my favorite book: “Atomic Habits” by James Clear), coding (love to design and create computer systems and applications to solve real-world problems).

Certificates

- **Neural Networks and Deep Learning:** DeepLearning.AI
- **Unsupervised Learning, Recommenders, Reinforcement:** DeepLearning.AI
- **Supervised Machine Learning: Regression and Classification:** DeepLearning.AI