

Pavin Mathew

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SUMMARY

Prolific front-end programmer with years of experience in designing and developing scalable React apps. Applies said experience in tandem with back-end frameworks such as Express to piece together full-stack applications on the regular. From the prototype stage up until deployment, demonstrates a high level of proficiency in designing and integrating interactive user experiences across a wide variety of third-party modules and API.

SKILLS

Languages: HTML5, CSS3, JavaScript/TypeScript
Frameworks: Node.js, Express, React, Redux, React Native
Databases: MongoDB, Firebase, PostgreSQL

WORK EXPERIENCE

JET Programme - ALT

2017 - Present

- Communicated closely with staff and students between 10 schools to teach and raise English standard; improved language proficiency of Japanese students through self-developed and personalized curriculum.
- Provided official translation of city hall materials, from Japanese to English.

RECENT PROJECTS

PicrossO - Online Multiplayer Picross

- Designed and developed multiplayer picross web app that allows users to join and host custom games. Equipped with real time communication and click registration for cooperative play.
- Completely server rendered React front-end with fully functional declarative routing.
- Technologies Used: React, Socket.io, Node.js, Express, PostgreSQL

New Horizons Trading Club

- Built a web portal for Animal Crossing players to trade in-game items. Working item search utilizing community maintained datasheet spanning all item variations.
- Assembled comprehensive account system together with listing history and editing capability.
- Technologies Used: React, Node.js, Express, Mongoose (MongoDB), JWT

MeTube

- Constructed YouTube clone website complete with video uploading and search functionality.
- Implemented robust file uploading system via server-provided signed requests, consolidating all uploaded assets for the app into private S3 bucket.
- Technologies Used: React, Node.js, Express, PostgreSQL, Passport.js, Redis, S3

EDUCATION

Bachelor of Science – Computer Science and Japanese
University of California, Davis 2012-2017
Kyoto Seika University 2015

Graduation: Spring 2017

CERTIFICATIONS

- Japanese Language Proficiency Test - N1