

# Pavin Mathew

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President Fukunaga #305, 1760 Nishitawara, Fukusaki, Hyogo, Japan - (080) 9744-9224  
Email: [pavinmathew@gmail.com](mailto:pavinmathew@gmail.com) • [www: pavinmathew.com](http://www.pavinmathew.com)

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## SUMMARY

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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. Demonstrates a high level of proficiency in implementing interactive user experiences across a wide variety of third-party modules and API.

## SKILLS

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**Languages:** HTML5, CSS3, JavaScript, TypeScript

**Frameworks:** React, Redux, Next.js, Express

**Databases:** MongoDB, Firebase, PostgreSQL

## WORK EXPERIENCE

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### 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

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### 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, i18n.js

### 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

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

**Graduation:** Spring 2017

## CERTIFICATIONS

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- Japanese Language Proficiency Test - N1