

# Pavin Mathew

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## SUMMARY

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Prolific front-end programmer with years of experience in designing scalable React apps. Applies said experience in tandem with back-end web application frameworks such as Express to piece together full-stack applications on the regular. Proficient in designing and developing web applications across multiple APIs, third-party modules, and databases.

## SKILLS

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**Languages:** Javascript and Python

**Frameworks:** HTML5, CSS3, JQuery, JavaScript (Node, Express.js, React)

**Databases:** MongoDB, Firebase, PSQL

## 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, 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, Express, Mongoose (MongoDB), JWT

### MeTube

- Constructed YouTube clone website complete with video uploading and search functionality.
- Wrote comprehensive integration tests using React Testing Library and Mock Service Worker, bolstering robust session-based login system.
- Technologies Used: React, React Testing Library, MSW, Node, Express, PostgreSQL, Passport.js

## 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