Kevin Loughead

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SUMMARY

Full-stack web developer with a background in mathematics and tech education. I have a passion for learning and for helping others to learn. I love solving problems and writing reusable and maintainable code.

TECHNICAL SKILLS

JavaScript/JSX, Python, React, Express, Node, REST, MongoDB, Mongoose, Git/Github, Python, Azure, AWS, Heroku, OOP, Webpack, HTML5, CSS3, BEM

TECHNICAL PROJECTS

News Explorer – Demo | Frontend Repo | Backend Repo   1/21
MERN stack application that allows authorized users to search for and save news articles.
- Built responsive and reusable UI components with React.
- Interacted with the public NewsAPI service to search for articles based on keywords.
- Wrote backend routes for user authentication and card collection in Express with MongoDB.
- Deployed the backend on an AWS Ubuntu server with an NGINX proxy.

Around the US – Demo | Repo   12/20
MERN stack app that was the main focus of the Practicum by Yandex Web Dev Bootcamp.
- Ported the frontend to React from this vanilla HTML, CSS and JS application.
- Wrote backend routes in Express with Mongo DB an Mongoose.
- Used JSON web tokens for user authentication.
- Deployed fronted and backend to Heroku.

Ant Robotics – Demo | Repo
React application to redesign and modernize the companies landing page.   3/21
- Worked in a team with 2 other developers, with 45 pull requests and nearly 200 commits.
- Ensured that the site was easily configurable by the client via simple JSON style config files.

EXPERIENCE

Practicum by Yandex, Remote   5/20 - present
Curriculum Contributor and Assistant Tutor in Web Development
- Tutored students in HTML, CSS, JavaScript, debugging, Git, React, APIs, Node.js and Express.
- Provided detailed feedback on the curriculum and projects with a goal towards improving the learning experience for future cohorts.
- Wrote summaries of all learning material on the platform as a study guide and memory aid for students.
- Authored questions for end of unit quizzes to test student's comprehension of the material and improve learning retention.

Aladdin Food Management, Reading PA,   2009 - present
Supervisor and Administrative Assistant
- Hired, trained, scheduled and supervised 20+ student workers in a college dining facility.
- Responsible for invoicing, cash handling and payroll.

EDUCATION

Practicum by Yandex | Web Engineering Program   2021
Indiana University | BA in Mathematics   2017