

Ahmed Belhadj

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>LANGUAGES + TECHNOLOGIES

- **Proficient:** JavaScript, Python, React.js, Redux.js, Node.js, Express.js, Django, SQL, MongoDB, Google Cloud Platform, Amazon Web Services, Heroku, HTML5, CSS3, Sass, Jest, Travis CI, Git
- **Exposure:** Java, C/C++, Spring, Flask, GraphQL, Apollo, D3.js

>PROFESSIONAL EXPERIENCE

Lambda School | Software Engineer + Mentor | Remote

April 2018 - Present

- Lead technical workshops & providing support on developing blogging platform with JavaScript & Gatsby.js.
- Demonstrate implementation of user authentication with Auth0 & Firebase & deployment of web-based applications to both Netlify & Heroku.
- Mentor group of 120+ software developers through multiple team-based projects constructed utilizing JavaScript, React.js, Redux.js, GraphQL, Apollo, Node.js & Express.js.
- Optimize engineering performance through providing personal feedback to over 10 students weekly, write daily documentation & report detailed project progress to management.
- Provide development support & reduce errors by approving & merging 450+ pull requests through daily code reviews & standups.

Urban Engine | Web Developer | Huntsville, AL

Dec 2017 - May 2018

- Improved cwnflyer.com styling for special events through modifying React.js component color schemes with CSS3 & image file upload.
- Modernized innovatehsv.com site through providing modern styling utilizing JavaScript, HTML5, CSS3, & WordPress, improving page load times by at least 30%.
- Developed new forms to handle electronic payments through leveraging PayPal API integrated into aafna.org platform using JavaScript & WordPress.
- Organized 170+ educational STEAM workshops & partner events through support & coordination of 24 member team while adhering to yearly budget.

The University of Alabama in Huntsville | Information Systems Specialist | Huntsville, AL

Aug 2013 - May 2014

- Updated content on uah.edu using HTML, CSS & Joomla to provide information for each new school year as well as managing student records with Talisma CRM.
- Configured, troubleshooted, & updated hardware & software components to ensure user usability & security; awarded 2014 Outstanding Student Employee Award.

>PROJECT WORK

Taxi | Python, Django, pytest, Redis, Node.js, Angular | ahmedbelhadj.com/taxi

Real-time ride-sharing application.

- Built Django application to coordinate two-way messaging with Django Channels & Redis & to construct RESTful API with Django REST Framework.
- Built Angular application with infrastructure of components & routes that communicate with back-end using WebSockets, Angular services & reactive programming.
- Leveraged third-party APIs such as Google Maps to bolster user experience.

Code Evaluation Tool | Python, Flask, Docker, PostgreSQL, Node.js, React.js | ahmedbelhadj.com/code-evaluation-tool

Submit solutions to a coding problem & get feedback on whether a particular solution is correct or not.

- Built code evaluation tool for grading exercises with number of services written in Python & Flask along with client-side JavaScript & React.js.
- Wrote server-side unit, functional & integration tests, client-side unit tests & end-to-end tests to ensure the entire system works as expected.
- Used Docker & container orchestration to help manage, scale & deploy fleet of microservices.

Conduit | JavaScript, Node.js, Express.js, MongoDB, React.js, Redux.js | ahmedbelhadj.com/conduit

A place to share your knowledge.

- Built fully featured social blogging site with JWT authentication, profiles with images, ability to write/edit/read articles, comment & favorite articles, follow other users to have their articles show up in user's feed.
- Used Node.js to build API by setting up Express.js for server logic & MongoDB for database.
- Built React/Redux application that interacts with CRUD API, authenticates users & routed with React Router.

>EDUCATION

AWS Certified Cloud Practitioner, Amazon Web Services

January 2020

B.S. Biology, The University of Alabama in Birmingham

May 2017

>LEADERSHIP + AWARDS

2nd Place in Professional Division, *2019 HudsonAlpha Tech Challenge*

2019

The President's Volunteer Service Award, *Corporation for National & Community Service*

2016

Outstanding Student Employee of the Year Award, *The University of Alabama in Huntsville*

2014