

EMRE AKUREK

FULL STACK SOFTWARE DEVELOPER

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PROFILE SUMMARY

Self motivated, result driven professional with hands-on academic experience in software lifecycle, develop and document design recommendations. Can thrive individually and as part of a team, and actively participate in meetings and in iterative development. Demonstrate strength in analytical, problem solving and communication skills. Presently seeking position as a Full Stack Software Developer in a fast paced, growth oriented IT organization.

TECHNICAL SKILLS

- **Front-End:** React.js, Redux.js, Vue.js, JavaScript, HTML5, CSS, Sass/Less, Bootstrap, jQuery
- **Full Stack:** Node.js, Express.js, Python, Mustache, Sequelize (ORM)
- **Database:** Document-oriented databases-MongoDB, Relational SQL Databases-PostgreSQL, Firebase

EDUCATIONAL QUALIFICATION

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| • Master in Education, Curriculum and Instruction in Mathematics
American College of Education & Cleveland State University / GPA : 4.00 | Sept 2015-Oct 2017 |
| • Master in Education, Educational Science
Selcuk University | Sept 2007-Oct 2009 |
| • Bachelor Degree, Chemistry & Mathematics
Selcuk University | Aug 2002-Sep 2007 |
| • Immersive Coding Training in Software/Web Development
Major: Agile Development, Software Engineering, Web Development | |

PROFESSIONAL EXPERIENCE

Full Stack Software Developer	Sept 2018 - Feb 2019
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Digital Crafts, Houston, TX

- Possess working knowledge of JavaScript, Python, Node.js, PostgreSQL, MongoDB, React, and Redux; exhibit debugging, editing and deploying skills in client, server and windows sides.
- Successfully developed and completed team and solo projects exploring design patterns within timeline and meet all technical requirements using effective and mobile responsive software designs and web applications.
- Collaborate effectively with software development and testing team using Git/Github, actively involved in third party APIs and user authentication of most projects as well as utilizing JSON file to create my own API.
- Utilized agile software development methodologies and wireframes representing the skeletal framework of the user interfaces of apps in 7+ full stack projects, particularly in React projects to get the most effective technical design and to produce business solutions.
- Developed my problem solving and technical skills using algorithms with pure JavaScript in 'Pool table management' project as a part of a business solution.
- Gained the skills to read technical documentation of a software frameworks or a language to get better understanding of software development lifecycle.

Math Teacher/Robotics and Engineering Coach/CYSP Coordinator/Grade Chair

Aug 2013 - Jul 2018

Concept Schools, Dayton/Cleveland, OH

- Worked as an IT/Robotics Engineering Coach for 2 years who was responsible to create optimized code by using JavaScript and Alicorn's modular architecture to build functional robots automation.
- Run FTC robotics team to assist team members with writing code to control and design robot.
- Introduced and executed Concept Schools Young Scholars Program in the school; conducted intro seminars and achieved 1st place among all Concept Schools in this program.
- Provided a training in data analysis and built a new curriculum based on the Standardized State Test Standards
- Recognized as the 'Accomplished Teacher' in 4 consecutive school years based on the student academic growth and professional evaluations.
- Recognized as 'The Most Effective Teacher' by the Ohio State Department of Education based on the students' academic growth in the state tests.
- Responsible for managing, coordinating, and establishing priorities for the complete life-cycle of projects including the planning, design, programming, testing, and implementation of the company and business solutions designed to meet requirements of various schools in the same company such as process planning with the integration of technology of specific discipline or field of specialization.

- Managed projects including community services utilizing data structures of sister schools to improve partnerships and sharing experience as well as getting technical support and accomplished 83% increase in students' academic growth.
- Coordinated and involved in an academic program by introducing online math tools 'IXL and MathXL', trained colleagues in using and integrating such technological tools in classroom setting.
- Organized structured-data meetings and professional development sessions on curriculum development based on state standards, and accomplished 1st place for the school academic growth in mathematics among Concept Schools Network.

PROJECT EXPERIENCES

Common Core Standards Library for Teachers (E-Commerce site) (<https://github.com/emreyeprem/CCSS-App>)

Jan 2019

- Utilized various client-side, server-side frameworks and SQL by emphasizing database optimization including React, Redux, Node, Express, PostgreSQL, CSS, HTML, and JavaScript.
- Created a great platform where teachers can shop online for class assignments, worksheets, coloring activities, posters and curriculums based on the common core state standards. The state standards are pulled from <http://commonstandardsproject.com/developers>. Teachers are also allowed to become a seller to create and sell their own teaching materials. Teachers can reach out a variety of teaching materials created and used by other fellow teachers, add their items to the shop cart. They are able to make payment through Stripe Api.

Fresh Bakery & Coffee (E-Commerce site) (<https://github.com/emreyeprem/FreshBakery-React-Project->)

Dec 2018

- Utilized various client-side, server-side frameworks and SQL statements by emphasizing database optimization including React, Redux, Node, Express, Postgres, CSS, HTML, and JavaScript.
- Created a great platform where customers can shop online for baked products and various coffee types. Customers can reach out delicious products, add their items to the shop cart. They are able to make payment through Strip Api.

My Book Library App (<https://github.com/emreyeprem/MyBookLibraryApp>)

Dec 2018

- Utilized various client-side, server-side frameworks and SQL by emphasizing database optimization including React, Redux, Node.js, Express, PostgreSQL, CSS, HTML, and JavaScript.
- Developed an application to help users to organize and keep track of their books libraries in an online and permanent platform. Users must create a login in order to see his/her dashboard. After signing up, the user has the option to add a book entering book title, author, published date and book image url. Moreover, after creating a book info card, user will be given options to edit and to delete the book. There are 4 different genre categories for the books, the app is automatically categorized them. In user authentication, validation in logging in and registering process is provided.

Houston Lakes Water Level App

Nov 2018

- (<https://houston-water-levels.herokuapp.com/>); (<https://github.com/brownameka05/HoustonWaterLevels>)
- Utilized various software development tools and languages including HTML, JavaScript, CSS, PostgreSQL, Mustache, Node.js, Express.js.
- The purpose of this Flood Warning website is to provide information collected by the gages in a user-friendly format directly to you. This information is used by the Flood Control District and by Harris County's Office of Homeland Security and Emergency Management to inform you of imminent and current flooding conditions along bayous.

Shopcart App

Nov 2018

- (<https://shoppinglistcart.herokuapp.com/login>); (github.com/beyzakilickol/ShopcartApponHeroku)
- Possessed good practical understanding using HTML, JavaScript, CSS, PostgreSQL, Mustache, Node.js, Sequelize(ORM) and Express.js.
- Allowed users keep track of their shopping lists based on the store and item names.

BEAP Blog Page

Sept 2018

- (beap.surge.sh); (<https://github.com/emreyeprem/B.E.A.P-Article-Blog-Page>)
- Developed and designed application using HTML, JavaScript, CSS and Firebase Real Time Database.
- This site is created to encourage users to explore different ideas as well as their own ideas and finding a platform to share them publicly. In addition, rather than hire a technical writer or journalist, this app also allows users to create their own news articles on our website "B.E.A.P Your Thought". After signing up, the user has option to create an article, view their previous articles and view the most recent articles of the web application. Users also have the ability to like and comment on articles posted by other users.