

# EMRE AKUREK

## FULL STACK SOFTWARE DEVELOPER

Houston, TX • 937-838-2636 • [emreyeprem@gmail.com](mailto:emreyeprem@gmail.com) • [emreakurek.com](http://emreakurek.com)

<https://www.linkedin.com/in/emre-akurek-28b73b141/>

### 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, JavaScript, HTML5, CSS, 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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|--|---------------------------|
| • <b>Master in Education, Curriculum and Instruction in Mathematics</b><br>American College of Education & Cleveland State University / GPA : 4.00 | <b>Sept 2015-Oct 2017</b> |
| • <b>Master in Education, Educational Science</b><br>Selcuk University   | <b>Sept 2007-Oct 2009</b> |
| • <b>Bachelor Degree, Chemistry &amp; Mathematics</b><br>Selcuk University   | <b>Aug 2002-Sep 2007</b>  |
| • <b>Basic Training in Programming</b><br>Major: Agile Development, Software Engineering, Software Development                                     |                           |

### PROFESSIONAL EXPERIENCE

#### Full Stack Immersive Program Sept 2018-Present

##### Digital Crafts, Houston, TX

- Possess working knowledge of JavaScript, Python, Node.js, Express.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 4+ 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

- Coached a FTC robotics team that played semi-final for two consecutive years.
- 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 3 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 consulting 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 col-

leagues 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

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### **BEAP Blog Website**

**Sept 2018**

([beap.surge.sh](https://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.
- Enhanced users accessibility to share their ideas on a platform publicly.

### **Houston Lakes Water Level - Gauge Site**

**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](https://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.

### **Fresh Bakery & Coffee (E-Commerce site)**

**Dec 2018**

(<https://github.com/emreyeprem/FreshBakery-React-Project->)

- Utilized various client-side, server-side frameworks and SQL 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 cakes and pastries, add their items to the shop cart. They are able to make payment through Stripe Api.

### **Common Core Standards Library for Teachers (E-Commerce site)**

**Jan 2019**

(<https://github.com/emreyeprem/CCSS-App>)

- 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.