Gabe Baek

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Profile

Full Stack developer with experience in designing and implementing applications in enterprise environments. Trained with Industrial Engineering methodologies to pursue continuous improvement, streamlining and ways to minimize waste. Comfortable working effectively with other groups and clients. A versatile engineer seeking a team-oriented, dynamic work environment to build efficient solutions and contribute to collaborative success.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, GraphQL
Frameworks: React, Redux, Node, Fastify, Jest, Express, Next, Angular
Databases: PostgreSQL, MySQL, MongoDB
Other: Agile Scrum, DevOps, RESTful API development, K8s, CI, Heroku, Bootstrap, Artillery.js

Experience

Full Stack Developer – *EarthLink - Atlanta, GA*   **Aug 2019 – Jun 2024**

- Led design and creation of Affiliate Order Entry application by incorporating RESTful API endpoints and third party address validation via Smarty Streets API, enabling EarthLink partners to sell services
  - Create and maintain database, create and run unit tests
  - Developed with React JavaScript, Node, Jest/Fastify, Postgres. Deployed with Azure/K8s
- Architect and implement sales functionality in Agent Console application to replace legacy system (Spritle)
  - Led cross-functional collaboration to align with business objectives, enhancing EarthLink's customer support capabilities
  - Partnered with Reach Mobile to integrate iFrame sales flow for new ELNK Wireless Home Internet
  - Developed with React TypeScript, Node, GraphQL, Ant Design
- Utilized Server Side Rendering via WordPress and Next.js to optimize updates or enhancements on Earthlink.net
- Executed comprehensive performance testing of Affiliate Order Entry API endpoints by utilizing Artillery.js to ensure robust scalability and reliability
- Write stories for current and future applications. Identify bugs and create tickets in Jira for completion

Industrial Engineer - *United Parcel Service - Atlanta, GA*   **Mar 2016 – Dec 2018**

- Implement new Car Wash report with Excel and SQL – identify areas to improve UPS truck appearance in order to maintain a respectable image in line with UPS's expectations and brand
- Designed and developed new Excel/SQL report of UPS's Top Strategic customers to track growth and opportunity
- Streamline reports by automating SQL processes, thereby improving database efficiency and minimizing processing times
- Maintain and provide support for intranet resources (I-Gate, PKG Tools, SharePoint)

Application Specialist - *Pentair Valves & Controls - Norcross, GA*   **Jan 2012 – Oct 2015**

- Manage client information, quotes, and opportunities via Microsoft CRM. Provide technical support to plant managers
- Improved personal bookings every year: *2012* - **$850k**, *2013* - **$1.4M**, *2014* - **$2.5M**
- Won **$900k** project bid in *2013* – Job requirements included 300+ custom SS valves and strict delivery dates over a year

Projects

Super Trivia Bros.

- Trivia app with 12 categories that keeps track of personal high scores. UI inspired from classic arcade games for retro vibe
- Role: React front end development, create and test API endpoints, create seed database of questions and answers
- Developed with React.js, MongoDB, Node.js, Express.js, CSS, Bootstrap

The Last Developer

- Interactive web browser game that teaches simple terms and basics of coding
- Role: React front end, NPC interaction (Redux), create JSON game database (NPC dialogue/info), add animation & user auth
- Developed with React.js, Redux, MongoDB, Node.js, Express.js, Bcrypt.js, CSS, Bootstrap, Animista

React Weather App

- Retrieves current weather report & 5 day forecast using OpenWeather API based on zip code input or current location
- Developed with React.js, Node.js, and Express.js. UI includes dark mode, styled with CSS and Animista

Education

Georgia Institute of Technology – Atlanta, GA

- Certificate of Full Stack Web Development   **2019**
- Bachelor of Science in Industrial Engineering   **2011**