

Joseph Barkate | Senior Full-Stack Developer

13201 McCallen Pass | Austin, TX 78753 | Phone: (817) 791-6352 | JosephBarkate@gmail.com

Summary

Seasoned Software Engineer seeking to further evolve as a leader while utilizing experience gained managing offshore teams, heading scrum standups, and overseeing production releases. A valued team member prioritizing quality and consistency throughout every phase of software development projects. A comprehensive skillset grounded in advanced Angular UI design knowledge and a .NET framework background, enabling confidence in seamlessly translating software concepts into well-polished products.

Education

- M.S. in Electrical and Computer Engineering – Baylor University – Waco, Texas – 3.83
 - Thesis: *Algorithms for Fast Power Amplifier Load Impedance and Input Power Optimization...*
- B.S. in Electrical and Computer Engineering – Baylor University – Waco, Texas
 - Minor in Mathematics

Technical Languages

- Angular 2-12+
- Express / Node.js
- .NET 4 & Core / C#
- React
- MySQL / Postgres / MongoDB
- MicroServices / RabbitMQ / NSB
- Cloud (PCF / Azure / AWS / Google)
- GraphQL
- AngularJS
- JQuery / RxJS
- Python
- PCF / AWS
- TypeScript / JavaScript
- HTML / CSS
- Git / TFS source control
- Pivotal Cloud Foundry (PCF)
- Agile / SCRUM / Kanban / Waterfall
- Jasmine / Karma
- Jira / TFS
- CICD DevOps Azure
- TDD / BDD
- Misc: Node, NPM, Gulp, Grunt, Bower, Octopus Deploy, TeamCity, Matlab, JSON, XML, SOAP, TDD, BDD

Software Development Skills

- Emphasis of collaboration with peers as well as product owners to define a concise MVP that exceeds business requirements.
- Focus on continuous growth and expansion of expertise across diverse range of technologies with cross functional capabilities.
- Lead communicative roles within production deployments, performance testing, and sprint ceremonies.
- Senior code repository management consisting of code reviews of patterns and applications for junior developers.
- Dynamic analysis and execution of innovative solutions for software application development and optimization.
- Management of multiple offshore teams via standups, code reviews, and load testing protocols to ensure timely product delivery and efficiency.

Professional Experience Summary

General Motors

February 2020 – Present

Senior Full-Stack Developer

Project Description

Full-stack Software Developer facilitating the formation of an international content management system for GM dealerships. Design of both front and back-end features intended to enhance and accelerate clients' ability to generate sales leads, capture customer analytics, edit themes, and amplify social media presence through elegant, yet effortless UI. Leadership and development of logging and data aggregation for big data infographics. Aptitude in performance testing optimization permitting reliable, scalable, and efficient applications hosted on PCF instances. Assurance of successful deployments in to live production environments through CICD Agile patterns.

Accomplishments and Responsibilities:

- Led logging infrastructure and data aggregation for over 2+ Million daily messages to proactively resolve bugs prior to user detection.
- Led performance team's load and endurance tests to optimize application efficiency / scalability for 100,000+ users in peak performance hours.
- Spearheaded sprint ceremonies and communication with project owners to define technical requirements.
- Assisted in new hire onboarding and the mentorship of Jr Developers through code reviews and paired programming.
- Production / release support for over 900 dealer web application across globe.

Project Technologies/ Products

Angular 9+, Express / Node.js, .NET 4 & Core C#, AngularJS, SQL, Redis, PCF, TypeScript, CSS, HTML

Dell

September 2018 – February 2020

Senior Full-Stack Developer

Project Description

Key team member in a client facing application provided by Dell to large-scale hardware distributors. Utilized Angular for front-end, and .NET core for back-end tasks to aid sales teams in multi-million dollar deals. Constructed APIs to communicate with both the MongoDB and SQL databases. Developed microprocessors to consume multiple Dell micro services with RabbitMQ and NSB. Key contributor toward development teams' migration to Pivotal Cloud Foundry, upgrade from .NET Framework to .NET Core, as well as AngularJS to Angular 7. Volunteered for release readiness tasks and ensured application's stability within various environments. Created unit tests and assisted SDETs in designing automated tests for sprint stories in CICD environments.

Accomplishments and Responsibilities:

- APIs built in .NET 4 with C# and LINQ utilizing content management libraries for varying regions worldwide to maintain dynamic product / price list updates.
- Migrated application from AngularJS application to Angular 7 while keeping multi-million-dollar clients satisfied and adding features and mobile functionality.
- Led design and creation of reusable Angular components to match Dell design library (Dell bootstrap) for seamless UI experience and drive sales.
- Wrote processes that consume multiple internal Dell micro-services and service frameworks to quickly keep stock and inventory of million-dollar deals.
- Migrated and Designed REST services for internal and external APIs to increase app performance / efficiency by 60%+.
- Volunteered as production / release support developer during out of office hours.

Project Technologies/ Products

Angular 7, AngularJS, .NET 4 & Core, C#, RabbitMQ, NSB, PCF, Javascript, CSS, HTML, Octopus Deploy, TeamCity

Conference of Urban Counties

January 2018 – September 2018

Front-End Developer

Project Description

Green fielded an application for the Conference of Urban Counties in which a new software solution was required for Jail facilities across the state of Texas. Partnered as a front-end developer utilizing mobile-first methodology, collaborating on a responsive web application. Created reusable components with user experience in mind for the potentially stressful job of intaking prisoners as jail warden in Texas counties. Worked closely with back-end developers to wire RESTful service calls to React's UI in an encrypted and secure manner. Led three offshore teams by providing thought leadership and code reviews to developers to ensure bug-free solutions for the client.

Accomplishments

- Greenfield an React web application for a Jail software system for 79% of Texas' Jails/prisons.
- Led 3 offshore teams through daily meetings, pull requests and code reviews to ensure low bug turnover code.
- Implemented RESTful web service to query Elasticsearch and MongoDB.
- Deconstructed requirements and designs into multiple reusable components managed in a shared library throughout the web application.
- Presented new application features and functionality on a sprint-by-sprint basis to client in 2 week cadence with CICD.
- Completed an AWS certification course in Ohio with heavy utilization of EC2.

Project Technologies/ Products

React, Angular 5, Typescript/JS, C#, MongoDB, Octopus Deploy, TeamCity, ServiceFabric, HTML/CSS

Front-End Developer

Project Description

Partnered as a front-end developer on the retail web technologies team at Charles Schwab utilizing Angular mobile-first framework to develop the big-web customer facing 'My Profile' page. Developed several reusable components and directives that were contributed back to Charles Schwab's core reusable code base with included documentation to be used by other RWT team. Implemented Test-Driven Development through unit tests using the framework Jasmin and Karma to accomplish a 90%-unit test code coverage. Led sprint ceremonies such as standups, retrospective, grooming and planning sessions. Exceeded the expectations of product managers by pushing to pre-production and production environments on schedule to deliver the software product requirements encompassed in the original contract.

Accomplishments

- Developed important core security service and directives for financial safety in an Angular application.
- Led daily stand-ups and retrospective, grooming and planning sessions in an agile environment.
- Contributed to multiple components / directives to Charles Schwab core re-usable libraries currently seen on Schwab.com containing over 100 unique components meeting styling guidelines.
- Developed an efficient code base that could handle performance testing of over millions of unique users, securely handling personal and private information.

Project Technologies/ Products

Angular 4, Typescript, Javascript, CSS, HTML, Jasmin, Karma, Ruby, Gherkins

Education / Certifications

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- Built a Full-Stack ASP.NET MVC 6 food review rating application as a side project in graduate school.
- AWS Developer Associate Certification training boot camp in Cincinnati, Ohio.
- Advanced MOOC Object Oriented Programming with Java from the University of Helsinki.
- MITx certification in Computational Thinking and Data Science
- JavaScript Hack Reactor Web Development Bootcamp.