Software Engineer Software Engineer Full Stack Software Engineer - Amadeus Boston, MA Authorized to work in the US for any employer Work Experience Software Engineer Amadeus - Waltham, MA January 2019 to Present  Full-stack developer for Hotel Call Center Application  Developed custom Java 8 Server application to interface between front-end application and OBE data provided by various internal and external sources, including making calls to deliver:  o Availability search on both single and multi hotel properties, o Perform CRUD operations on Hotel Reservations  o Serve the aforementioned data to and from various hotel chains based on user profile config  o Using Spring Boot Framework in conjunction with Maven build tool for artifactory  Developed Angular 7 web application to provide agents an interface with which to use the Hotel Call Center as a part of the Amadeus CRS Platform  o Worked with UI/UX Designers, providing feedback on efficiency and feasibility of feature  implementations, providing possible alternatives solution  o Implemented features using Bootstrap and Ngb-Bootstrap libraries   Served as Sprint Load Coordinator, managing deployment of various product increments  throughout multiple testing, integration and production environments using Jenkins platform, deploying to a JBoss server running in a Docker container deployed to OpenShift   Lead developer on Group Reservation Flow  o Extending Reservation search component functionality to make refined API calls depending on search parameters  o Implemented specific group-reservation-modification screen to allow users to perform CRUD  operations on independent segments of group reservations   Worked in an AGILE environment to deliver thoroughly tested product increments in 3 week sprints Principal Developer of React, Node & Java based Web App Jordan Scarlett Interiors September 2018 to January 2019  Architected database schema to effectively store customer design requests and available resources   Implemented custom scheduling component to optimize employee effectiveness on projects  Programmed automated Java 1.8 QA component to verify correct orientation and dimensions of simulated 3D objects Principal developer of project iOS app written in Swift 4 TrackAR August 2017 to December 2017 Architected solution, maintaining strict MVC architecture, ensuring modularity of each component  class   Provided QA support for development of hardware component, verifying correct transfer of data  from transceiver to receiver's Arduino microcontroller   Leveraged built-in

phone GPS and Compass to establish virtual object at user's current location    Implemented Swift code to take in data from receiver component, running data through a programmed filter to ensure consistent and reliable data    Leveraged ARKit SDK to generate virtual object at transceiver's real world location    Programmed pathfinding algorithm to generate street directions from user to target    Presented project to panel of judges for final Capstone presentation Software Engineering Co-Op NantHealth - Boston, MA January 2017 to July 2017    Developed Angular 2, NodeJS & Java 1.8 based GPS Cancer Web Application    Updated previous outdated code from AngularJS 1.2.0 to Angular2    Implemented custom attribute-based sorting, allowing doctors to view specified patient data    Optimized Java 1.8 based data searching algorithm for improved data retrieval speeds    Built custom data visualization component to allow doctors to track progress and metrics of patient treatment    Automated QA procedure in Python to query internal API and automatically filter out invalid or corrupt patient data prior to retrieval    Led daily team meetings, tracking project progress using JIRA & Git Software Engineering Co-Op QuikForce - Cambridge, MA June 2015 to December 2015    Ramped up on HTML, CSS, and JavaScript based web development as sole engineer in company    Architected database schema for effectively storing customer and provider move information    Overhauled ordering system to allow users to place orders online, storing data within server-side database    Mocked up complete website redesign, optimizing for maximum customer engagement    Interviewed, hired, and mentored additional full-time engineers    Implemented distance based search optimization algorithm, to connect clients to closest movers  matching their search criteria    Developed internal data retrieval component, allowing business team to instantly access customer  records and move specifications    Pitched product at Mass Innovation Nights 80, Innovation @ Harvard, alongside smaller VC pitches to secure funding Education Bachelor of Science in Computer Engineering in Engineering Algorithms Northeastern University - Boston, MA September 2017 to March 2018 Skills .net, Arduino, C#, C++, Html, Javascript, Bootstrap, Node.js, Typescript, Verilog, Java, Spring, Angularjs, Mysql, Postgresql, Maven, Css, Linux, Fpga, Matlab, Git, HTML 5, Android Links http://linkedin.com/in/mannanbawa http://github.com/mannanBawa

Name: Keith Franco

Email: olivia56@example.net

Phone: (419)323-4753