Tejas Parab

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EDUCATION

Northeastern University, Boston, MA   **Sept. 2017 – Present**
Khoury College of Computer Science
Candidate for a Master of Science in Computer Science   **Expected Graduation: Dec. 2019**
Related Courses: Programming Design Paradigms, Web Development, Computer Systems, Information Retrieval,
          Algorithms, Database Management Systems, Large Scale Parallel Data Processing

University of Mumbai, India   **July 2012 – June 2016**
Bachelor of Computer Engineering

TECHNICAL SKILLS

Technologies   : Java, Javascript (ES6+), C, Python, Racket, HTML5, CSS3, SCSS, Node.js
Frameworks   : React.js, Redux, Backbone.js, Django, Spring Boot, Express.js, webpack, grunt, babel
Databases   : MongoDB, MySQL, PostgreSQL
Tools   : Git, Serenity, Cucumber, Google Analytics, Jira, Bamboo, BitBucket, AWS, GCP, Maven

PROFESSIONAL EXPERIENCE

Peapod Digital Labs | Quincy, MA   **Jan. 2019 – June 2019**
Frontend Developer Co-op
- Implemented flexible rewards feature allowing users to accumulate and redeem rewards over multiple store visits.
- Enabled users to convert reward points for cash discounts or gas savings using Backbone.js and REST API's.
- Developed feature resulted in improved customer loyalty and increased page visits on the rewards page by 10%.
- Maintained and optimized existing features to reduce page load times and provide consistent user experience.
- Exercised BDD by testing features through gherkin, cucumber and serenity thus reducing time spent by QA.

Northeastern University | Boston, MA   **Jan. 2018 – May 2018**
Graduate Research Assistant
- Spearheaded research to design bicycle simulator for Virtual Bicycle Highway project in a 3-member team.
- Generated virtual environment through tags obtained from OpenStreetMap and Unity3D reducing cost by $4000.

Accenture Solutions Pvt. Ltd.| Mumbai, India   **Nov. 2016 – July 2017**
Associate Software Engineer
- Implemented RESTful services to calculate premiums for an insurance application(ALIP) using Java and Spring.
- Enabled caching through Spring Cache and EHCache to reduce the number of calls made to third party API.
- Refactored and modified existing code to fix bugs and reduce batch jobs execution time from 13 secs to 7 secs.

ACADEMIC PROJECTS

RestoFinder(restofinder.tejasparab1.com): MongoDB, Express.js, AngularJS, Node.js, Yelp-Fusion API   **Dec. 2018**
- Led a team of 3 to create a single page web application allowing users to discover restaurants, write reviews and follow each other. Leveraged yelp-fusion api to get restaurants and corresponding reviews.
- Utilized node.js and mongoose to handle complex relationships between various users and entities.

Devconnector(devconnector.com): MongoDB, Express.js, React.js, Node.js, Redux, Github API   **Aug. 2018**
- Developed single page social web application enabling developers to interact, follow and recommend others.
- Maintained MongoDB to store encrypted user login data, profile, skills while also fetching their github data.

Job Search Portal (jobs.tejasparab1.com): [Phoenix, Elixir, React.js, Redux, PostgreSQL]   **April 2018**
- Created a responsive single page web application letting users search jobs by leveraging data from multiple REST API's such as Github Jobs, ZipRecruiter and AuthenticJobs based on keywords entered by user.

TravelMate: [Python,Django, Javascript]   **March 2018**
- Built a responsive ride sharing website for Northeastern officials and sutdents to list or book rides.

Othello MultiPlayer Game (othellogame.tejasparab1.com): [Phoenix, Elixir, React.js, Redux]   **March 2018**
- Developed an online Othello multiplayer game as a team of 2 enabling users to join in an ongoing game as spectators, chat, and watch available moves.
- Maintained concurrent game sessions using Phoenix channels and registry data structure in Elixir.