Abhishek Raval

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Expected Graduation: December 2019

EDUCATION

Northeastern University, **Khoury College of Computer Science,** Boston, MA

Master of Science in Computer Science, **GPA**: 3.6   Dec 2019

   Related Courses: Web Development, Algorithms, Big Data, Managing Software Development, Mobile Application Development, Database Management System.

Gujarat Technological University, Gujarat, India

Bachelor of Engineering in Information Technology, **GPA**: 3.6   May 2017

TECHNICAL KNOWLEDGE

Languages:	Java, JavaScript, NodeJS, C/C++, Python, Scala, PHP.
Cloud Technologies:	AWS EC2, AWS EMR, AWS Amplify, AWS Appsync, AWS Lambda, AWS API Gateway, IAM.
Web Technologies:	React, React Native, Redux, jQuery, Angular, Phoenix, ExpressJs, AWS Amplify, Serverless, Cloud Native, PostgreSQL, MongoDB, Bootstrap 4, Material UI, Antd, Antd Mobile.

WORK EXPERIENCE

Shell Techworks (STW), Cambridge, MA

Software Engineering Co-op   Jan 2019 – Sep 2019

- Developed & delivered Enhanced Equipment Care System (EECS) Mobile & Web application to Shell Convent, Louisiana using React, React Native & AWS Amplify receiving stakeholder's overwhelmingly positive feedback.
- Increased STW's credibility by **200%** through EECS, sealing **$1 Million** funds for the expansion of the next phase.
- Honoured with **Special Recognition Award** for taking initiatives & implementing new features to streamline the support during turnaround for EECS, addressing each issue raised in less than 90 minutes.
- Won **HackWeek's Best Project** trophy, beating 14 other teams by spearheading a team of 8 & building Progressive Web App for site safety using React, GraphQL, AWS Amplify, NodeJS, Philips Hue & Zumo robot.
- Mentored & trained a Junior Intern for Qatar based project receiving applause from stakeholders.

Zylotech, Boston, MA

Full Stack Developer Intern   Jul 2018 – Sep 2018

- Built Client Data Management Platform (CDM), to transfer & manage data in AWS S3 Buckets using MongoDB, Express, React, Redux, NodeJS, Material UI, & AWS-SDK, 24 days before it's assigned a deadline.
- Accorded with **Excellent Design Proposal** title by Co-Founder for brainstorming & developing a Customer 360° Profile Page for Company's B2C application employing React & Material UI.

ACADEMIC PROJECTS

Multi-Threaded Client Server Chat Application   Sep 2018 – Dec 2018

- Constructed a chat application like Facebook Messenger for chatting personally, in groups & broadcasting messages, including feature for joining & leaving groups by employing the latest software design patterns.

Technologies Used: Java Multi-Threading, Java Networking, Hibernate, MySQL, JMeter, JIRA, SonarQube, GitHub.

Web Development Projects(bit.ly/othelloGame, bit.ly/trackMBTA)   Mar 2018 – Apr 2018

- Developed a **Bus Tracking Application** for Boston transit users utilizing real-time data from MBTA API.
- Created an Uber-like tracking module for viewing the live location of any bus on Map utilizing Google Maps API.
- Utilized Web Sockets to build a **Multiplayer Othello Game** with a chat system, supporting unlimited observers receiving the "Best UI Project" title among 150 students.

Technologies Used: React, Redux, Elixir, Phoenix, AJAX, REST, Swagger, Bootstrap.

Honest-E: A Complaint Management Android Application(bit.ly/honeste)   Jan 2017 – May 2017

- Identified the problems faced by Ahmedabad citizens while registering complaints in a paper-based redressal system & engineered an Android application to make the complaint management process efficient.

Technologies used: Android, PHP 5, MySQL, RESTful Web Services, Apache, Genymotion.