

JAYESH POKHARKAR

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EDUCATION

Santa Clara University, CA Sept 2019 – Present

Pursuing MS in Computer Science Engineering

Selected Coursework: Design and Analysis of Algorithms, Operating Systems, Computer Architecture

Datta Meghe College of Engineering, Mumbai, India August 2012 - May 2016

Bachelor of Engineering in Information Technology

TECHNICAL SKILLS

Languages:	Java, Python, C++, C, SQL, Python
Web Technologies:	HTML5, JavaScript, CSS3, JQuery, Bootstrap, JSON, Node JS, Angular JS
Technologies:	Eclipse, Android studio, Selenium, Amazon Web Services, RESTful services, Git, SVN, Docker, Linux shell scripting.
Databases:	MySQL, SQL, Oracle DB, MongoDB, Firebase

PROFESSIONAL EXPERIENCE

Angel Broking Pvt. Ltd, Mumbai, India

Oct 2018 – Aug 2019

Software Engineer – Product Development

Learnings: Working with large scale businesses, Bootstrap, Ajax, MySQL, SVN

- Responsible for designing SQL queries for extracting the report from large data set based on client requirements and fixing the issues related to Partner tools.
- Responsible for designing action, POJO, Bean classes for an internal project using object-oriented approach.
- Used SVN tool for software versioning and revision control as well as for Partner Company's team collaboration.

Zeus Learning Pvt. Ltd, Mumbai, India

June 2016 – Oct 2018

Software Engineer

Learnings: JavaScript, HTML, Best Coding Practices & Schema design, Agile Methodology, Full Stack Development

- Styled web-based activities using CSS3 and programmed the quiz functionality using JavaScript, JQuery, and XML.
- Developed multilingual translation form in C# & HTML for activities which takes JSON data and displays in form for conversion.
- Developed a multilevel accordion and populated menu items using queues in JavaScript for Android App using Cordova framework.

ARK Technosolutions, Mumbai, India

June 2013 - Aug 2013

Intern - Android and Web Application Development

- Worked on online and mobile test application prototype which shared the same database in backend.
- Developed different interactive GUIs for each version to enhance the user experience on Android and web browser.

INDIVIDUAL AND ACADEMIC PROJECTS

Yelp Faceted Search

Learnings: Java, SQL, Eclipse, Swing, Oracle 11g

- Developed an application that runs queries on 900MB Yelp dataset and extracts information based on the user's search criteria.
- Implemented faceted search for accessing information organized by applying multiple filters/facets.
- Parsed the JSON dataset using JSON library and loaded the parsed dataset into Oracle DB using JDBC driver.

Online Feedback Application

Learnings: JavaScript, HTML5, CSS3, MySQL, ASP.net, Encryption Algorithm

- Worked as a web developer primarily focusing on data manipulation, report generation & admin panel by using MySQL.
- Implemented triggers to impose complex integrity constraints and incorporated RSA encryption algorithm for storing the data.

Bart Schedule and Location tracking Android App

Learnings: Android, JSON parsing, Android Studio, Firebase, Google Maps API, Rest API

- Developed an android app that shows Bart trains' schedule and allows the user to track the live location of his peers.
- Launched maps using Google map API and marked BART stations by querying it using REST API.
- Implemented live location tracking of friends and triggered push notifications for requesting location using GCM.

Change the Motion

Learnings: HTML5, CSS3, JavaScript, JQuery, Bootstrap, Backbone JS, MVC Architecture, UI Testing

- Developed game logic for controlling ball motion based on user input.
- Implemented multi-handler input algorithm to achieve user control over object dynamics using JavaScript.
- Coded to check changing position of ball with target position and responsible for Unit testing using Jasmine Framework.

Angel Broking Mobile App and API's

Learnings: Eclipse, Selenium, Appium, WebDriver, Jenkins, Xcode, iOS Automation, Postman, Swagger UI

- Developed automation scripts in Java using Selenium to test sanity and regression test cases to reduce efforts of manual testing.
- Performed API testing for mobile app and website using Postman and Swagger UI.
- Developed an automation testing framework which can be used as subproject of any parent project to easily develop automation test scripts.