

## Prathmesh Jaisahay Pathak

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### SUMMARY

Adaptive Software Engineer with 2+ years of extensive experience in developing robust and scalable full-stack applications. Windows and Android application software including definition, proof of concept, implementation, testing, and maintenance.

### TECHNICAL SKILLS

**Programming Languages:** JAVA, JavaScript, C, SQL  
**Tools and Frameworks:** Bootstrap, VS Code, AWS, git, GitHub, JIRA, Android Studio, Docker, Object Oriented Design  
**Database Technologies:** Oracle 11g, MySQL, MSSQL, WAMP Server, Couchbase, Flexible Search (FlexiQuery), N1QL Query  
**Web Technologies:** HTML5, CSS3, jQuery, XML, Node.JS, React, Python Flask  
**Operating Systems:** Windows 2000/XP/7/8/10, Linux

### WORK EXPERIENCE

#### Seidenberg School of Computer Science & Information Systems, Data Science Lab

New York, NY

Application Developer

Jan 2020 – Present

- Designed and developed a search field that displays the result for user entered product name. Technologies used were HTML 5, CSS, Node JS, React and SQL.
- Developed Node.JS backend server connected to MSSQL database, fetching data of four million of products, and rendered them in frontend using React. Using Chart.JS library graphically represented the data to the customer.
- Designed and developed Login functionality for MACOS application using JWT, MySQL, REACT, and Express.

#### Pragiti Internet Technologies

Mumbai, India

Software Engineer

Apr 2018 – Jul 2019

- Developed a functionality for e-commerce websites using HTML5, CSS, Spring MVC and Java that allows a user to share product information with other users via email. ([www.enasco.com](http://www.enasco.com) | [www.etriarco.com](http://www.etriarco.com))
- Resolved a technical and design issue for the applications in response to client reported bug and developed a new functionality to repopulate order history for missing entries using Java, jQuery and Spring MVC.
- Designed and developed a Node JS application using HTML5, CSS, Express, body-parser, Multer, Couchbase, liquid template language and EJS template engine that enabled users to register and upload PDF files over the web while storing their path in the database, allowing the user to download the file using the same path.
- Optimized the code for an itinerary website using Java 8, implementing new features reported by the client.
- Developed a functionality using JavaScript, Ajax, Java, and Spring MVC that allowed users to delete saved credit card.
- Designed a facet filter function using JavaScript, Java, Spring MVC, and JSP that enabled users to filter out flight results.

### ACADEMIC PROJECTS

#### Pet a Dog Web application

Feb 2020 – Present

- Collaborated in a group of six people to create a web application using HTML5, CSS, JavaScript, Node JS, MySQL that enabled user to hire a sitter based on a service so that the sitter can take care of the user's pet.
- Pet a Dog application enabled user to book a sitter based on the service that user selected and sending an email notification after the booking was made. Implemented third party checkout integration using PayPal sandbox and Stripe ACH payment. Implemented sitter location monitoring using Google's Geocode, JavaScript Map API and Directions API that showed user the ETA of sitter at user entered address (<https://petadog.herokuapp.com/home>).

#### Heart Rate Monitoring

May 2017 – May 2018

- Designed and developed an android application using android studio, JAVA and MATLAB that enabled user to check heart rate, oxygen content in blood by placing user's fingertip on the camera lens of a mobile phone

### EDUCATION

#### Pace University, Seidenberg School of Computer Science & Information Systems

New York, NY

Master of Science (MS) in Computer Science | GPA: 3.89

May 2021

#### University of Mumbai

Mumbai, India

Bachelor of Engineering (BE) in Information Technology | GPA: 3.2

May 2017