

Piyush Joshi

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GitHub- <https://github.com/Piyushjoshi07/>

Education:

University of Central Missouri(MO), USA

May 2017

- Master's in Computer Science (GPA 4.0)

Acropolis Institute of Technology and Research, RGPV, India

May 2015

- Bachelor's of Engineering in Computer Science (GPA 3.25)

Skills Set:

Java: OOPS, Multithreading, Collection, Java 8

Framework: Spring, Spring Boot, Hibernate, JDBC.

Databases: Oracle, MongoDB, MS SQL server, DynamoDB, Mysql

Cloud: EC2, ECS, S3, SQS, Elastic Search, Azure container registry

Security: JWT, OAuth 2.0, Spring Security

Other Technologies: Docker, Kafka, RESTful, Maven, Git, jQuery, JSON.

Development Environment: Eclipse, STS, IntelliJ, Visual Studio Code, Sublime Text, putty

Frontend: Angular, Bootstrap, HTML, CSS

OS: Windows, Mac, Linux.

Work Experience:

Kul Labs LLC (San Ramon, California)

Jan 2017-till date

Project: Logistic Automation

Position: Software development Intern

- Logistic Automation is a web application which makes the logical calculation for distribution belt and gives the arrangement order as well as the optimized delivery path.
- Played an important role in backend (Spring Boot REST API's) development as well as deployment.
- Migrated the traditional application to microservices architecture based application.
- Deployed the docker images using AWS ECS. Used JWT for securing the microservices and MongoDB as a data storage.

Technology Stack: Java, Spring Boot, JPA Docker, JWT, Kafka, AWS ECS, AWS S3, REST, JSON, MongoDB, Maven build, Angular 2, Ribbon, Eureka, Log4j, Agile Scrum

Abhyudaya Multimedia (Indore, India)

May 2014- Dec 2015

Position: Software Engineer

- Designed web application from scratch for local business and worked in all the phases of software development from requirement gathering to project delivery.
- Developed the applications using Java, Spring framework, Hibernate and Oracle 11g at back end.
- Also worked on integrating social login through Facebook and Google+ and provided a payment method using Braintree API (PayPal)

Technology Stack: Spring MVC, Spring Security, Hibernate, Maven, Braintree API, Oracle RDBMS, UML, RESTful Web Service

Web App on which I worked: <https://shopitdaily.com>, <http://flowersnpetals.net/>,
<http://zarivastram.com/>

Projects:

Easy Rentals

GitHub- <https://github.com/Piyushjoshi07/EasyRentals-REST-API>

Swagger REST API- <http://45.79.76.22/EasyRentals/swagger-ui.html>

- Easy Rentals is a car rental marketplace where people can rent their car as well as they can get any car on rent from a community of local car owners. This android and IOS application will be live soon.
- Developed microservices for various functionalities using Spring Boot and Hibernate and used MongoDB database tier.
- Deployed Docker images containing various microservices on AWS ECS (EC2 container registry) to make application available and scalable.

Technology Stack: Java, Spring Boot, JWT, Hibernate, AWS ECS, MongoDB, Docker, Maven, STS, RESTful webservises, Swagger documentation, Angular, Ionic, Mac OS

Online Banking

GitHub- <https://github.com/Piyushjoshi07/Online-Banking-Application>

- Importance of Web Development in Java Programming language motivated me to work on this application.
- Online Banking is a complete banking system application designed for users to manage their banking account online.
- Concept of Cookies Session management was used to manage user login.
- The project was also intended to learn concepts of Oracle 11g database and its interaction with Java Programming language using JDBC.

Technology Stack: Eclipse, Java, Servlets, JSP, JDBC, HTML, CSS, JavaScript.

Daily Planner Website

GitHub- <https://github.com/Piyushjoshi07/dailyPlanner>

- Developed a dynamic project to manage daily tasks at Accessibility Resource Center.
- The application provided CRUD operations to maintain the tasks.
- Option named priority was added into application to sort tasks according to priorities.

Technology Stack: HTML, CSS, JavaScript, jQuery