

Akshay Patil

562.374.5835 | akshaypatil581@gmail.com | Long Beach, CA

LinkedIn: [linkedin.com/in/akshaypatil581](https://www.linkedin.com/in/akshaypatil581)

GitHub: github.com/akshaypatil581

Portfolio: akshaypatil.info

TECHNICAL SKILLS

- **Proficient:** Java, Spring, Hibernate, Junit, Android, JavaScript, Node.js, Express, SQL, SQLite, MongoDB, Firebase, Git, AWS, Selenium, Gradle, Maven, Postman, Docker, Hyperledger, Travis CI, jQuery, HTML5, CSS3
- **Exposure:** C, C++, C#, .Net, Python, Apache Kafka, GraphQL, React Native, Flutter, Bootstrap

WORK EXPERIENCE

Metrology Services | Software Engineer | Lakewood, CA

July 2020 - Present

- Developed Applications using Java, Spring, Hibernate which will manage the data and store it in database.
- Devised and developed the project using MVC design pattern.
- Developed user management screens using JSF framework, business components using Spring framework, and DAO classes using Hibernate framework for persistence management.
- Crafted and developed persistence service using Hibernate framework.
- Produced database triggers and procedures to update real-time cash balances.
- Wrote Maven build scripts to compile Java classes and create jar, performed unit testing, and packaged them into jar files.
- Performed bug fixes and code reviews. Reduced technical debt by 10%.
- Designed and implemented HTML email templates using HTML, CSS, JavaScript it improved traffic to website by 40%.

Metrology Services | Software Engineer Intern | Lakewood, CA

May 2019 - Aug 2019

- Developing internal business application for testing team using Java, Spring, AWS, saved ~\$30K annually.
- Managed each issue from requirement analysis development to testing.

Hotwax Systems | Software Engineer | Indore, India

Oct 2016 - Jun 2017

- Created backend services for Order processing, Inventory management and wrote script for loading product details into Hotwax Commerce achieved this using Java, Spring, Groovy, JavaScript, ReactJs, jQuery, MySQL, HTML, XML, CSS This service is now an essential part of the product Hotwax Commerce
- Performed product set up for separate clients of our ERP product offering, customized product set up improved the chances of product getting sold by 10x.

EDUCATION

Master's Degree in Computer Science, California State University, Long Beach

May 2020

Bachelor's degree in Computer Science, Pune University, India

May 2016

PROJECT WORK

Covid Tracker | Developer | [Deploy URL](#) | [Code URL](#)

2020

Platform for tracking covid spread in various countries.

- Architected website using wireframe, and devised components required to build it.
- Wrote 10+ end-to-end (e2e) and 20+ unit tests for client-side components using Protractor, Karma, and Jasmine, resulting in 70% coverage of the codebase.
- Engineered the build process for production with Gulp and configured continuous integration with Travis CI.

Search Engine | Developer

2019

Created Search engine from scratch doing so learned various search algorithms.

- Implemented algorithms such as Okapi BM25, PageRank, TF-IDF.
- Analyzed accuracy of each algorithm and created a report on it.
- Designed my new algorithm by tweaking old algorithm.

PUBLICATIONS

Android Agro Advisory System, [International Journal of Engineering and Techniques](#)

2015