

# Maitra Patel

Location: Greater Detroit Area, Michigan

**Github:** <https://github.com/maitrabp>

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Upon Request

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<https://maitrapatel.info>

## Summary

Experienced with all stages of the development cycle for dynamic projects. Well-versed in numerous programming languages & easily adaptable to new technologies. Strong background in customer service & relations.

## Skill Highlights

- **Languages** – Java (w/ Spring Boot – JPA, Hibernate, REST, JWT), C++, C#, Python (Django w/ REST API, Scripting, Machine Learning), Perl, Vanilla JavaScript, jQuery, React.js, React Native, Redux.js, PHP (Laravel), AJAX, HTML/CSS, SaSS
- **Styling Frameworks:** Bootstrap, Material UI, Bulma
- **Services:** AWS, Firebase, Heroku
- **Android Studio** – Mobile App Development with Java
- **Databases:** MySQL, Oracle SQL, SQLite, SQL Server, Firebase
- **Tools:** Package Managers, Microsoft Office Suite, Postman, Junit, Scene Builder (JavaFX), XAMPP
- **Environments:** Linux, Windows, Mac
- **Other:** MATLAB, Assembly (Irvine), Docker, TensorFlow, OpenCV, Keras, Pandas (Python)

## Experience

**Data Analyst Summer Intern-** 05/2018 to 07/2018

**NITS Solutions**, Michigan

- Wrote python scripts to identify daily data issues in production (Oracle SQL database).
- Summarized data warehouse level data and validated with production data.
- Improved 2-3 hours daily time efficiency by developing an interactive data visualization UI for the marketing team to track daily data trends from the database.

## Education

Bachelor of Science: **Software Engineering** – Dec 2020

**University of Michigan - Dearborn**, MI

**Overall GPA:** 3.53, Dean's List

**Relevant Courses:** Data structures and algorithms, Java Programming, Discrete Structures I & II, Artificial Intelligence I, Mobile App Development (Java), Probability & Statistics, Web Development I, Software Engineering I & II

## Projects

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|--|----------------------|----------------------|
| • E-commerce (CRUD)– PHP server-side, JavaScript, MySQL                | <a href="#">Link</a> | <a href="#">Code</a> |
| • Bank Account Management (CRUD) – PHP server-side, JavaScript, MySQL  | <a href="#">Link</a> | <a href="#">Code</a> |
| • Machine Learning (AI) – HMM, Reinforcement Learning, DFS & A* (Java) |                      | <a href="#">Code</a> |
| • PDF Data Parser for Annual Financial Audits – Michigan's Government  |                      | <a href="#">Code</a> |
| • Slack Clone – React.js, Material UI, React Hooks, ContextAPI         | <a href="#">Link</a> | <a href="#">Code</a> |
| • Lead Manager Application – Python, Django's REST Framework, React.js |                      | <a href="#">Code</a> |
| • Surveillance Camera Application – React.js, TensorFlow.js            | <a href="#">Link</a> | <a href="#">Code</a> |