

Vishal Patel

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ACADEMIC QUALIFICATION

B.E. **Computer Engineering**, Gujarat Technological University (2016) (CGPA 5.49)

Diploma **Computer Engineering**, Gujarat Technological University (2013) (CGPA 5.50)

WORK EXPERIENCE

Jr. Java Developer(Intern) Croods Consolidates Pvt Ltd. (VasyERP Solutions) (May - Nov 2017)

- Designed and developed Point of Sale and Credit Note modules using MVC architecture, creating 30% customer growth in first 4 months of the launch.
- Improved the quality of company's ERP product by implementing UI and backend test.
- Technologies: J2EE, AJAX, JavaScript, JQuery, HTML, CSS, Hibernate, MySQL, Servlets, JSPs.

TECHNICAL PROFICIENCY

Programming Languages : Java, Python

Tools & Frameworks : IntelliJ idea, Eclipse, VS Code, Postman, Jupyter Notebook

Libraries : OpenCV, Pandas, Numpy, Matplotlib, Seaborn

PROJECTS

Full Stack Web Application with Spring Boot & React (CRUD Operations)

- Technologies : Spring Boot, REST API, Hibernate, Maven, React JS
- Database : MySQL
- Tools : IntelliJ IDEA, VS Code, Postman
- Project work included developing a web application to learn and implement basic CRUD operations, getting exposure to frameworks such as Spring Boot and REST API.
- **Github Link:** <https://github.com/vishaldpatel92/fullstack-backend>

Eventfull (Full Stack Web Application using Java Servlet and MySQL)

- Technologies : Java Servlets, Hibernate, Maven, JSPs
- Database : MySQL
- Tools : Eclipse, MySQL Workbench
- Project work included developing a web application(event management system) using Java Servlets and MySQL to learn and implement basic CRUD operations.
- **Github Link:** <https://github.com/vishaldpatel92/Eventfull>

CRUD Project (Function Based View with Model Form in Django)

- Technologies : Python, Django (ModelForm), Bootstrap
- Tools : VS Code
- Project work included developing a basic web application(student management system) using Python and Django to learn and implement basic CRUD operations.
- **Github Link:** <https://github.com/vishaldpatel92/Django-ModelForm-Project>

Controlling Mouse Pointer using Hand Gestures

- Library : OpenCV
- Overcame the challenge to detect hand and recognize gestures with less performing integrated web-cameras of laptops.
- Project work included hand segmentation by skin color, contour extraction, finding the smallest convex hull that covers that contour and recognizing the gestures.

House Price Prediction

- Libraries : Pandas, Numpy, Matplotlib, Seaborn
- Tools : Python, Jupyter Notebook, Anaconda Distribution
- Built a linear regression model to predict the price of a house. Trained this model using Boston housing price dataset. Achieved 5.34 RMSE evaluating the model on Test data.
- **Github Link:** https://github.com/vishaldpatel92/Linear-Regression-Model-for-Boston-Housing-Dataset-Vishal-_files

ACHIEVEMENTS AND PARTICIPATION

- 1st place out of 20+ contestants, in IMAZE 2016 (National level technical event). Answered questions of computer hardware, software, operating systems, famous technologies and personalities.
- Runner up in IMAZE 2015 (State level technical competition). Developed Banking application in Java to create bank accounts and make transactions. Led the team to achieve the most efficient application of the competition.

PERSONAL DETAILS

- Date of Birth : 7th April 1992
- Languages Known : English, Hindi, Gujarati
- Address : CTM, Amraiwadi, Ahmedabad.