

DEVARSHI PATEL

Gujarat, INDIA

+91 7504596666

[linkedin.com/in/devarshi-dot-patel](https://www.linkedin.com/in/devarshi-dot-patel)

github.com/dpatel-8112

devarshidotpatel@gmail.com

Education

Chandigarh University

Bachelor of Engineering in Computer Science

Specialization : Artificial Intelligence and Machine Learning

Cumulative GPA : 7.6

July 2019 - July 2023

Mohali, Punjab

Experience

Fair Isaac Corporation (FICO) | Pre-Sales Engineer

<https://www.fico.com/>

July 2022 - Present

Bangalore

- Spearheaded the development of a Proof of Concept (PoC) for clients by leveraging various FICO products, resulting in a 15% increase in client engagement and interest.
- Engineered a comprehensive Full Stack Application for the banking sector, showcasing a 10% improvement in application performance and response times. Key functionalities included Loan Origination System (LOS), Cross-Sell, Limit Management, and Authorization.
- Developed Java Web Services, enhancing backend functionality and contributing to a 20% reduction in data retrieval times.
- Played a pivotal role in the testing and debugging phases, resulting in a 6% increase in overall application efficiency and a 15% reduction in post-deployment issues.
- Successfully normalized the database structure, optimizing data management processes and achieving an 8% improvement in database efficiency, leading to faster query execution.

MedPiper, Inc| Full Stack Developer Intern

<https://www.medpiper.com/>

March 2022 - May 2022

Work from Home

- Worked with 2 different development teams to design and improve 2 new projects.
- Tested, Debugged, and Revamped the codebase increasing the efficiency by 8%.
- Redesigned the Organization's landing page using NextJS, Redux, and Material UI, and integrated external APIs into web pages.
- Analyzed and optimized the performance of existing back-end systems, such as database queries under mentor supervision.
- Worked collaboratively with teammates using software like Git and Jira to manage, modify, and assign tasks.

Projects

SocioPedia | MongoDB, ExpressJS, ReactJS, NodeJS, Redux

<https://github.com/DnD-Development/SocioPedia>

January 2022

- Created Full-Stack Application with incredible User-interface utilizing ReactJS, Axios, and Sass.
- Architected with MongoDB to manage user-inputted data across multiple platforms including web and mobile apps.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

AI-enabled FinTech B2B Invoice Management System | ReactJS, Machine Learning, Servlet, MySQL

May 2022

- Trained XGBoost Regressor ML Model to predict the due date with an R2 Score of 7.7 and MSE Score of 1.05
- Designed and Developed a Backend Application using Java and Servlet to handle the API Requests utilizing MySQL Server.
- Built single-page applications (SPA), responsive web design, and UI using ReactJS and sent backend request utilizing Axios.

Hand Cricket | Python, Pandas, OpenCV, TensorFlow, Keras

<https://github.com/dpatel-8112/hand-cricket>

March 2021

- Developed a game powered by Computer Vision and Deep Learning algorithms based on hand gestures by working with 2 teammate
- Preprocessed the image by applying Gaussian Blur and Morphological Transformer leading us to smoothen the image.
- Used CNN's NASNetMobile architecture pre-trained model to classify images with 96% validation accuracy.

Technical Skills

Computer Language

C++ | Java | Python | JavaScript | TypeScript

Tools & Platforms

Docker | Github | VSCode | Jupyter | Google Colab | Postman

Databases

MySQL | MongoDB

Libraries & Framework

Spring | Spring Boot | NodeJS | NextJS | ReactJS | ExpressJS | Numpy | Pandas

Operating System

Windows | Kali

Version Control

Git