

Shaurya Mehta

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Profile

- ❖ Experienced Software Engineer with a demonstrated history of working in the computer software industry. Skilled in Full-Stack Development (Javascript), Python & PHP and frameworks. Strong engineering professional with Masters of Engineering - M.Eng in Computer Engineering focused in Computer Engineering from University of Guelph.

Technical Skills

- ❖ **Programming Languages and Libraries:** PHP, Javascript, Typescript, Java, Python, C, C++, HTML, CSS, ReactJS, Ajax, JQuery, C#, Material UI (MUI), Redux
- ❖ **Programming Framework:** Express (Node JS), Bootstrap, Laravel, Django, Smarty, Flask, SCSS.
- ❖ **Database:** Mongo, MySQL, pgSQL, MS SQL Server, Firebase.
- ❖ **Programming Methods:** Object-Oriented Programming, MVC Programming (MERN Stack, Laravel), Procedural Language Programming, Scripting Programming Language, Logic Programming Language, CI/CD.
- ❖ **Operating System:** Windows, Linux.
- ❖ **Automated Testing (Beginner):** Cypress, Selenium
- ❖ **Other Technical Skills:** Github, REST API, Docker, JEST & React Testing Library, JIRA (Agile Framework), PowerBI, Amazon Web Service (AWS).

Education

- ❖ **B.Eng in Computer Engineering** (June 2017- June 2021)
Gujarat Technological University CGPA: 9.48/10
- ❖ **M.Eng in Computer Engineering** (Jan 2022-June 2023)
University Of Guelph CGPA: 8.68/10

Work Experience

Software Development Consultant (Aug 2021 - Dec 2021)

STAAH Hotel Software Private Limited

- ❖ Responsible for developing core components of the hotel management system.
- ❖ Build a new discount feature that has the ability for the user to customize it.
- ❖ Ensured that the quality of the code was thoroughly tested and fixed several existing code defects generated by other team members related to rate management and extra additional features.
- ❖ Created REST API's which helped connect the front-end with React (Javascript Library).
- ❖ Enhanced the application functionality with the use of React, resulting in a faster and interactive user interface.
- ❖ Followed Agile Methodology when developing several new components while adding new features during the design phase of SDLC.

Personal Projects

DevConnect Web Application

- ❖ Designed and developed a full-stack web app with MERN Stack Social Media App which connects different developers and helps them build their profile by posting, liking, commenting and viewing their profile. Used Rest API (JSON) to display web content and error messages. Developer Profile includes the last 5 github repos (Github API) including other general information regarding their skills and experience.
- ❖ Also developed a component for posts, likes and comments. Udemy Guided Project. Live on [Heroku](#)

MERN STACK Development

- ❖ Developed a guided design project, where the design of major OTT was replicated with the help of ReactJS. The key important design included the use of react hooks, refs and use of React Slider.

- ❖ Currently enhancing the project to utilize both server and client capabilities through the use of MERN stack.
- ❖ Used the concept of Context API for CRUD Operation on Admin Panel.
- ❖ Learned to connect Firebase to React Application to upload huge files. [Github](#)

Machine Learning (ML) based web application to study the impact of Covid-19 on IT Business | (Final Year Project)

- ❖ Created a web application which provided visualization and results of impact of covid-19.
- ❖ Developed the system which gave the result based on ML for the success of IT business based on various factors that were affected directly or indirectly by Covid cases.
- ❖ Developed the survey form that helped collect data and on that 4 different types of Machine Learning algorithms to obtain desired results.
- ❖ Utilized Python Framework (Django) for this project to integrate machine learning algorithms.
- ❖ Created a dashboard to display different types of analytics on web applications.

Court Case Management System (CCMS)

- ❖ Developed core software development components of CCMS that allows end to end communication between users and court officials (Lawyers, Judge, etc).
- ❖ Added the functionality that can be leveraged to add cases, lawyers (having options to select from existing lawyers) and invoice management (under which heads lawyers charge the clients).
- ❖ Developed the search capabilities that can help find the similar cases from the repository of court cases and can know what was the verdict of that case just by providing synopsis.
- ❖ Lead the team of 6 software developers. Also used Python Framework (Django) for back-end development. [Github](#)

University Website | CKPIPSR

- ❖ Developed a University website which provides administrators the facility of adding, removing, editing the profiles of the professors working in the college with Bootstrap Framework (CSS) and Laravel Framework (PHP). [Github](#)

Publication

- ❖ **Impact of Covid-19 on IT Business.** A chapter published in Springer Book - [Mobile Application Development: Practice and Experience](#)

Awards and Honors

- ❖ Relay Coding (National Techfest)
- ❖ SIH Hackathon
- ❖ Excellence Top Ranker 2019 - Shri Dewang Mehta IT Awards

Coursework Certificates

- ❖ Specialization Course in Python by University of Michigan
- ❖ Machine Learning By University of Washington
- ❖ Machine Learning For All by University of London
- ❖ Udemy Full Stack (MERN)
- ❖ Docker (IBM)