

# MAURYA ATULBHAI PATEL

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## EDUCATION

**Northeastern University**, Boston, MA

January 2023 - Dec 2024

Degree: Master of Science in Computer Science

Current GPA: 4.00

Current Courses: Program Design paradigm, Web development, Algorithms, Foundation of Software Engineering, Database management systems

**Dharmsinh Desai University**, Nadiad, India

July 2018 - May 2022

Degree: Bachelor of Technology in Computer Engineering

GPA: 3.93

Relevant Coursework: Advanced Algorithms, Database Management Systems, Operating Systems, Computer Networks; Computer Architecture, Microprocessor Programming, Network Information & Security, Discrete Mathematics.

## TECHNICAL SKILLS

- Programming Languages: C, Python, Java, JavaScript, PHP.
- Web Development Technologies: HTML, CSS, JQuery, Bootstrap.
- Web Development Frameworks: Django, Express.js, Node.js, React, Angular.
- Database: MongoDB, MySQL, Sqlite3, PostgreSQL.
- Version Control: GIT, GitHub.
- Methodologies: Agile Development Process, Object Oriented Programming, Design Patterns.
- Operating System: Linux, Windows.

## WORK EXPERIENCE

**Institute for Plasma Research (IPR)**, Ahmedabad, India.

December 2021 - April 2022

*Software Developer Research Intern*

- Designed, developed, and successfully launched a website utilizing Angular and PostgreSQL to efficiently manage research ideas and conferences at IPR (Institute for Plasma Research).
- Created and maintained databases to streamline paper submissions, conference attendee information, and event logistics, optimizing the conference management process.
- Leveraged IPR (Institute for Plasma Research) to efficiently oversee and highlight cutting-edge research in plasma matter, actively furthering the organization's mandate to propel advancements in the field.

**VBix technologies**, Jamnagar, India.

May 2021 - July 2021

*Software Developer Intern*

- Engaged as an angular developer in developing a project using MEAN technology.
- Contributed to a 7-member team in developing a digital workplace solution for local businesses.

## PROJECTS

**Online Tourism Portal** (Skills: Python, Django, SQLite3)

- Developed an online tourism portal using Django and Python as the backend language with a well-structured MVC [design, allowing users to search for places across the world and book packages and hotels in cities.
- Designed an intuitive user interface that enables seamless navigation, booking, and payment processes.

**RTO Exam Preparation** (Skills: Angular, Express.js, Node.js, MongoDB)

- Built a website that helps users prepare for the RTO learning license exam using MEAN stack technology. Designed a comprehensive and user-friendly interface that simplifies exam preparation, improving the user experience.

**BlogSpot** (Skills: C#, MySQL)

- Created BlogSpot, a .NET Core MVC-based web application that allows users to view and comment on blogs posted by others.
- Designed and implemented a simple, yet elegant interface that enables users to interact with the platform easily.

**Spotify Party Mixer** (Skills: MongoDB, React, Node.js, Express.js)

- Created a dynamic website leveraging Spotify's external API for seamless song and playlist data integration, bolstered by robust user authentication.
- Addressed the challenge of providing real-time song suggestions to party DJs, empowering guests to autonomously contribute to the party's music queue. Developed using MongoDB, React, Node.js, and Express.js.