

MAURYA ATULBHAI PATEL

Maurya2609@gmail.com | (617) 512 5832 | github.com/MAURYA2609 | linkedin.com/in/maurya/

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, C#, PHP
- Fundamental Concepts: Algorithms, OOP Concepts, REST APIs, Agile Methodologies, Design Patterns
- Web Technologies: Angular, Node.js, React, Express.js, HTML5, CSS3, jQuery, Bootstrap.
- Databases: MongoDB, MySQL, Sqlite3, PostgreSQL.
- Tools and frameworks: Django, Git, phpMyAdmin, Postman, Cypress
- Operating Systems: Linux, Windows, MacOS.

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.