

# Mohammed Faizan

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github.com/mohammedfaizan

## Technologies

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**Languages:** JavaScript, Go, Python

**Technologies:** React, TailwindCSS, HTML, CSS, Docker, Git, GitHub, CI/CD

## Education

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**Atria Institute of Technology**, B.E in Computer Science 2020 – 2024

- CGPA: 7.35

**Boot.dev**, <https://www.boot.dev/u/mohammedfaizan> Aug 2024 – Dec 2024

- Successfully completed Boot.dev, a computer science and backend engineering program. I finished over 20 courses and projects, including courses on Javascript, Python, Golang, functional programming, web servers, and SQL databases.

## Experience

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**Full Stack Web Development Intern**, Varcons Technologies Pvt. Ltd Aug 2023 – Oct 2023

- Comprehensive Full Stack Exposure: Successfully participated in an immersive internship at Varcons Technologies Pvt. Ltd., taking on both front-end and back-end responsibilities
- Fitness Studio Website Template: Built user-friendly, data-driven pages for a fitness studio project, adhering to design briefs and client specifications to deliver a fully operational web solution.
- High-Quality Performance: Demonstrated strong design expertise, a proactive learning approach, and exceeded expectations by completing the project with consistent quality.

## Projects

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### Deepfake Detection System

- Developed a real-time detection app using Flask and a pre-trained model for identifying deepfake images/videos, boosting media authenticity
- Integrated TensorFlow and MTCNN for accurate face detection, ensuring high performance in real-time
- Designed a SQLite database for user authentication, providing secure and efficient data management

### Chirpy: A Scalable Backend for Social Media Applications.

[github.com/mohammedfaizan/chirpy](https://github.com/mohammedfaizan/chirpy)

- Developed a RESTful API for a Social Media Platform: Implemented using Go, providing endpoints for user authentication, chirp creation, retrieval, and management.
- Integrated JWT for Secure Authentication: Utilized environment variables for managing JWT secrets, enhancing the security of user sessions and data.
- Designed a Robust Backend with Database Integration: Leveraged a JSON-based database for efficient data storage and retrieval, ensuring seamless user interactions and data consistency.

### PokedexCLI: A Command-Line Interface for Exploring the World of Pokemon

[github.com/mohammedfaizan/pokedexcli](https://github.com/mohammedfaizan/pokedexcli)

- Developed a Command-Line Interface for Pokemon Exploration: Implemented using Go, providing interactive commands to explore, catch, and inspect Pokemon.
- Integrated with PokeAPI for Real-Time Data Retrieval: Utilized the `pokeapi` client to fetch and display Pokemon data, enhancing user experience with up-to-date information.
- Interactivity: Designed a responsive REPL environment for seamless user interaction and command execution.