

# F.M. Ashfaq

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## ABOUT ME

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As a highly motivated and adaptable computer science graduate, I bring extensive experience in both full-stack development and mobile application development. My proficiency spans across multiple programming languages and frameworks, allowing me to deliver comprehensive and scalable solutions. I thrive in dynamic environments, consistently leveraging cutting-edge technologies to create user-centric applications. My keen understanding of both front-end and back-end development, combined with a passion for continuous learning, enables me to tackle complex projects with creativity and precision.

## WORK EXPERIENCE

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### SDE & Project Lead, Feroza Nursing Home

April 2023 -

- Oversaw the complete development cycle of a sophisticated software solution for Feroza Nursing Home, employing Node.js, Express, MySQL, and React.
- Responsible for its seamless maintenance, showcasing proficiency in delivering and sustaining high-impact projects.

### Backend Engineer, LittleBirdie

September 2022 - May 2024

- Managed and maintained critical back-end systems for LittleBirdie's commercial website, ensuring optimal performance and reliability.
- Organized and processed large volumes of data to support operational efficiency and accuracy.
- Demonstrated creativity and technical skills by designing engaging and visually appealing banners, contributing to the website's marketing efforts.

## PROJECTS

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### FilmFave

[Link to Repository](#)

- Crafted FilmFave, a visually captivating React Native application, seamlessly blending intuitive UI/UX design with robust technical functionalities.
- Orchestrated integration with The Movie Database (TMDb) API, enriching FilmFave with real-time movie and TV show data, enabling users to effortlessly explore and discover new content.
- Implemented search functionality enabling users to search for movies and TV shows by title, enhancing user experience and engagement.
- Innovated interactive features including in-app movie trailer playback and user rating systems, elevating engagement and fostering a vibrant community around shared cinematic experiences.

### PowerFitness

[Link to Repository](#)

- Conceptualized and developed PowerFitness, an intuitive React Native fitness application, empowering users to track workouts, set goals, and access personalized workout plans.
- Implemented a robust Model-View-Controller (MVC) architecture, ensuring separation of concerns and facilitating scalability and maintainability of the application over time.
- Designed and implemented features enabling users to effortlessly create and track workout routines, log exercises, and set progress goals, fostering motivation and accountability in their fitness journey.
- Leveraged advanced analytics to provide users with insightful progress tracking, including metrics such as burned calories, completed workouts, and total workout time, empowering users to make informed decisions about their fitness regimen.

Furnicraft BD

Link to Website

- Developed a comprehensive furniture shopping website utilizing Bootstrap, Serverless, React, CSS, and JavaScript.
- Designed and implemented user-friendly interfaces with Bootstrap, enhancing user experience and navigation.
- Integrated Serverless functions for efficient backend operations and scalable infrastructure.
- Utilized React for building dynamic and interactive front-end components.
- Employed CSS and custom JavaScript to create responsive and visually appealing layouts.

ProfileHub

Link to Repository

- Developed a full-stack simple CRUD application enabling users to register, login, and manage their profiles, including profession, interests, and bio.
- Implemented user authentication with JWT, providing secure registration and login functionality.
- Designed a user-friendly dashboard using React.js and Tailwind CSS, allowing users to easily view and manage their profile information.
- Built backend services with Node.js and Express.js, and used MongoDB for data storage.
- Ensured seamless interaction between frontend and backend using Axios for API requests.

GeekGoods

Link to Repository

- Engineered GeekGoods, a dynamic online shopping platform for tech enthusiasts, showcasing seamless integration of dynamic web design and robust database functionality.
- Developed efficient user authentication and powerful search functionality, enhancing security, usability, and the overall shopping experience.
- Leveraged HTML, PHP, SQL (MySQL), and CSS to craft a responsive website offering categorized product browsing, streamlined order management, and administrative control.

TECHNICAL SKILLS

|                            |   |
|----------------------------|---|
| Programming Languages:     | JavaScript, TypeScript, Python, PHP, HTML5, CSS/SCSS, C, Java     |
| Frameworks:                | React.js, React Native, Next.js, TailwindCSS, Express.js, Node.js |
| Databases:                 | MySQL, MongoDB, Firebase  |
| Version Control:           | Git, GitHub   |
| API:                       | RESTful, OAuth, Expo, Axios, WebSocket                            |
| Authentication & Security: | JWT, Bcrypt, HTTPS/TLS, CSRF Protection, CORS                     |
| Technologies:              | Apache, Nginx, Vercel, Linux, cPanel                              |

EDUCATION

|             |   |                |
|-------------|---|----------------|
| 2020 - 2024 | B.Sc. Computer Science at <b>BRAC University</b> , Dhaka        | (CGPA: 3.72/4) |
| 2017 - 2019 | HSC at <b>Netrakona Government College</b> , Netrakona          | (GPA: 4.50/5)  |
| 2007 - 2017 | SSC at <b>Anjuman Adarsh Government High School</b> , Netrakona | (GPA: 5.00/5)  |

SOFT SKILLS

|                      |                      |                 |                       |
|----------------------|----------------------|-----------------|-----------------------|
| Adaptability         | Critical Thinking    | Communication   | Problem Solving       |
| Time Management      | Creativity           | Team Player     | Conflict Resolution   |
| Collaboration        | Interpersonal Skills | Decision Making | Organizational Skills |
| Stress Management    | Public Speaking      | Negotiation     | Flexibility           |
| Language Proficiency | Active Listening     | Collaboration   | Attention to Detail   |