



MUHAMMED ASHKAR M

SOFTWARE DEVELOPER

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TECHNICAL SKILLS

Languages : Python, JavaScript, HTML, Node.js, PHP, TypeScript.
Frameworks : React, Flask, FastAPI, Django.
Libraries : Redux, Channels, Tailwind CSS, Bootstrap.
Databases : PostgreSQL, MySQL, MongoDB, Firebase.
DevTools : Visual Studio Code, Figma, Git, Postman.
Other : CI/CD, AWS, NGINX, MS Word, Excel, PowerPoint.

ABOUT

A self-taught Junior Frontend Developer with the ability to adapt in both independent and collaborative environments, consistently delivering quality results. Skilled in React and modern frontend frameworks, with experience in creating responsive and user-friendly interfaces. Focused on learning and building scalable, visually appealing web applications.

EXPERIENCE

FULL STACK DEVELOPER Nov 2023 - Nov 2024
BROTOTYPE Calicut, Kerala

Experienced in working with a wide range of innovative Web Development Technologies, including Django, React, Python, PostgreSQL, and more.

EDUCATION

MSc Data Analytics Nov 2021 – May 2023
Bharathiar University Coimbatore, Tamil Nadu

BSc Computer Science June 2017 – Mar 2020
University of Calicut Calicut, Kerala

PROJECTS

Ajwa Tech E-commerce Website *Python, Django, Bootstrap, ORM, PostgreSQL, Git, MVT* [Source Code](#)

- Designed and enhanced a clean and modern website that sells Electronics using **HTML, CSS, Python, Django, PostgreSQL** with **MVT** architecture and deployed on **AWS**.
- User's side features : Cart, Wishlist, Buy Now, Coupons, Wallet, payment options, User Profile management, Order management, History , Google Authentication, Facebook Authentication, Invoice, Product filtering, Sorting , Wallet , etc.
- Admin side features : Admin Dashboard, Product Management, User Management, Order management, Offer management, Coupon management, Category Management.
- Multiple secure payment methods using **Razorpay**, Cash on Delivery (COD) and Wallet payment.
- Executed robust OTP authentication system by using Django **send_mail** method.
- Chart and Graph sales reports on Admin side using Chart.js.
- Admin can download sales reports in pdf and Excel format.
- Deployed on AWS EC2 using **NGINX** as reverse proxy.

Chat-app *React, Django, REST API, JWT, Polling, PostgreSQL, Tailwind CSS* [Source Code](#)

- Designed and developed modern responsive chat application using **React** as front-end and **Django** and **Django REST Framework** as backend.
- To style the application **Tailwind CSS** is used, which ensuring optimal user experience across various devices and screen sizes.
- Web application offering real time chat between user in room based manner.
- Features : Create Room, Chat with users, Chat in different Room, Chat Multimedia contents.
- Implemented user authentication and authorization using **JWT Token**.

MindVentures E-Learning Website(ongoing)

React, Django, REST API, JWT, Channels, Websockets, PostgreSQL, Redux

[Source Code](#)

- Designed and expanded modern responsive E-Learning web application using **React** as front-end and **Django** and **Django REST Framework** as backend.
- Student side features : Profile Management, Role based access, Learning progress access, Reviewing courses, Payment options, chat options, Course filtering and sorting , Student Dashboard.
- Mentor side features : Mentor Dashboard, Course Management, Chapter Management , Profile management, Chat option.
- Admin side features : Admin Dashboard, Course Overview, User management, Category management, Chapter overview, Mentor management , Profile Overview(Mentor and Student).
- Multiple secure payment methods using **Razorpay** and **Paypal**.
- Secure user authentication and authorization using **JWT** (JSON Web Tokens).
- Incorporated real-time chat and notification functionality using **Websockets** and **channels**.
- Responsive Design using **Tailwind CSS** ensuring optimal user experience across various devices and screen sizes.
- Added Google Sign-In functionality using the google-auth-library.

MINI PROJECTS

Notepad

Python, Django, ORM, Tailwind CSS, JavaScript, REST API, Docker.

[Source Code](#)

- Developed a clean and modern Notepad application with an intuitive user interface.
- Implemented full CRUD functionality, enabling note creation, retrieval, updating, and deletion.
- Built a robust backend using Django Rest Framework (DRF) to ensure efficient data management and API integration.
- Designed the frontend using JavaScript for a seamless and responsive user experience.
- Containerized the application by creating a Docker image, enhancing portability and deployment efficiency.

Netflix Clone using React

React, The Movie Database(TMDB)

[Source Code](#)

- Created a simple Netflix clone app leveraging the technologies of **React.js**.
- Integrated the **TMDB** (The Movie Database) API into the Netflix clone app to fetch real-time movie data.

OLX clone using React

React, JavaScript, JWT, DRF, Firebase,

[Source Code](#)

- Established a simple OLX clone using **React, JavaScript and Firebase**.
- Enforced secure user authentication and authorization using **JWT** (JSON Web Tokens).
- User product selling. Every user can able to sell the product to the other user.
- Database is supervised by Firebase. Creation, deletion, Retrieval and updating (CRUD operation) can control by firebase.