

MUHAMMED AHNAS

FULL STACK DEVELOPER | Django & React Specialist | 4+ Years of Experience

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SUMMARY

Full Stack Django Developer with 4+ years of experience crafting robust web applications. Proficient in **Python**, **Django**, and **React.js**, excelling at seamlessly integrating **front-end** and **back-end** functionalities. Skilled in **database management**, **Agile methodologies**, and delivering high-performance, **user-centric solutions**. A strong collaborator with a proven track record of consistently exceeding client expectations.

SKILLS

- Front-End Development**
 - HTML, CSS, JavaScript, TypeScript
 - React.js, Next.js, Remix, Web Components
 - Bootstrap, Tailwind CSS, Bootstrap
- Back-End Development**
 - Django Web Framework, Django ORM
 - REST Framework ,API Development & Integration
 - Python
- Databases:** PostgreSQL, MySQL, SQLite
 - Web Server:** Apache, NGINX
 - Cloud Deployment:** DigitalOcean Droplet,
 - Version Control:** Git
 - Project Management:** JIRA, Confluence
 - Agile Methodologies:** Scrum
 - Testing Library:** Jest
 - Code Review & Performance Improvements

WORK EXPERIENCE

Frontend Developer

Feb 2022 – July 2024

British Telecom UK (Contracted to BTGroup via Freston Analytics)Kozhikode

- Developed responsive and reusable interfaces to reduce page load times.
- Created web applications with React.JS, driving increased user engagement metrics.
- Optimized React app performance using code-splitting, lazy loading, and Memorization techniques.
- Integrated third-party APIs and libraries to decrease API response times.
- Implemented Redux and React Context for efficient state management and improved data flow.
- Conducted thorough code reviews to reduce bugs and enhance website performance.
- Maintained version control of source code through Git repositories.
- Reported bugs using bug tracking tools like JIRA with detailed reproduction steps and screenshots.
- Actively contributed to Agile practices and Scrum events, including daily stand-ups and review updates, to enhance team collaboration, ensure transparency, and drive the efficient delivery of high-quality products.
- Proficient in unit testing with Jest to ensure the correctness and reliability of JavaScript code through comprehensive test suite creation and execution.
- Project: Global Managed Voice**

Developed and maintained a React desktop application for managing telecom data flow within BT networks. Collaborated with teams using **Agile Scrum methodology** and leveraged tools and libraries for optimized development and responsiveness.

Designed and implemented application features using **React, Redux, Context API**, and **Styled-Components**. Utilized **Azure and Figma** to receive design specifications and wireframes for development. Ensured code quality through rigorous code reviews and collaborative development in **GitLab**. Managed tasks and sprint goals using **JIRA** and **Confluence**. Developed reusable and optimized React components using both functional and class components, adhering to BT's privatized library standards. Enhanced application responsiveness to ensure compatibility across various viewports. Integrated API endpoints using **GraphQL** for seamless data fetching and synchronization. Worked in **Visual Studio Code** to write, debug, and optimize code for scalability and maintainability.
- Project: BT Trader App**

BT Trader App is a privatized platform developed for traders to connect with customers and Microsoft Teams users seamlessly. The application includes a client UI for user interaction and a provisioning UI for managing settings and configurations. It also features a bot web application, developed with **Electron.js**, ensuring compatibility with both iOS and Windows platforms. This versatile app streamlines communication and operational workflows, making it an essential tool for BT's trading operations.

The application was built using **React**, **TypeScript**, and **EventListener**, with styling handled through **CSS Styled-Components** and **Sass**. Designs and wireframes were received via **Azure** and **Figma**, while API integration was accomplished using **Microsoft Graph API**. My role included restructuring components, converting **JSX** to **TypeScript**, ensuring application responsiveness, implementing CRUD operations, and conducting unit testing with **Jest.js**. Additionally, I worked on state management using **Redux**, utilized **EventListener** for triggering key application functionalities, optimized performance, improved features using custom hooks, and created reusable dependencies for better feature implementation.

Web Developer | Full Stack Developer(Django)

Dec 2020 – Jan 2022

Gedexo Design & Technology

Kozhikode ,Kerala

- Developed web applications using HTML, CSS, JavaScript and Bootstrap.
- Developed RESTful APIs using Django Rest Framework for complex data-driven applications.
- Deployed web applications to production environments using Apache and Digital Ocean Droplets.
- Designed efficient database schemas to store data from web applications.
- Troubleshooted complex issues related to front-end, back-end, databases, and servers.
- Managed both back-end and front-end aspects of the development process.
- Utilized Git for version control and Jira, facilitating team collaboration and code management.
- Designed and Optimized queries for better performance on relational databases like PostgreSQL and MySQL.

- **Projects: Web Application Development Projects**

Developed a wide range of web applications, including **E-Commerce Applications**, **Social Networking Platforms**, **Utility and Service Applications**, **Health and Fitness Platforms**, and **Content Management Systems (CMS)**. E-Commerce applications featured **payment gateway integrations**, **Google Maps API integration**, and advanced **CRUD operations** for managing user data and orders. Health and Fitness platforms included **doctor booking systems** with seamless scheduling and appointment management features. Social Networking platforms comprised **Matrimony Websites** and **News Reading Sites**, designed for scalability and enhanced user engagement. Leveraged technologies like **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **AJAX**, and **jQuery**, with **JSON responses** for dynamic and interactive front-end experiences.

Back-end development utilized **Django Rest Framework** for creating robust, RESTful APIs. Tools like **Swagger** were employed for API endpoint documentation, while **Postman** was used for testing. Databases such as **SQLite** and **PostgreSQL** were optimized for storing and managing application data efficiently. Applications were deployed on platforms including **GitHub Pages**, **Heroku**, **Vercel**, and **DigitalOcean Droplets**, with server configurations on **Apache Server** and **NGINX Server**. Ongoing maintenance, post-deployment updates, and production monitoring ensured the reliability of live applications.

- **Projects: Static and Dynamic Websites**

Developed and delivered 30+ web applications, ranging from static websites to dynamic, data-driven platforms. Built projects from scratch to production by following end-to-end workflows, including design integration, development, deployment, and maintenance. Designs were received via **Figma**, **Adobe XD**, and **Canva**, and templates were purchased and customized when necessary. Front-end functionalities and styling were implemented using **JavaScript**, **jQuery**, **Ajax**, **CSS**, and **Bootstrap**, ensuring cross-browser compatibility and responsiveness.

Back-end development was accomplished using **Django ORM**, with **SQLite** and **PostgreSQL** as databases. Designed efficient database schemas and optimized queries for enhanced performance. Implemented **REST APIs** for seamless data communication between front-end and back-end, ensuring smooth integration with external systems. Utilized **JavaScript** for dynamic front-end interactions and external functional plugins to enhance user experience. **Styled Components** and **Sass** were used for customized styling, ensuring the application was visually appealing and responsive. Deployed applications to production using **DigitalOcean Droplets**, configured **Apache servers**, and handled live server management. Additionally, provided ongoing maintenance and support for applications in production to ensure uptime and stability. Managed version control and team collaboration through **Git** and **JIRA**, while troubleshooting complex issues across front-end, back-end, and servers. Ensured high standards of quality, performance, and security throughout the development lifecycle.

- **Responsibilities Handled:**

- Coordinated projects using **JIRA** for task management, sprint planning, and team collaboration, with documentation and knowledge sharing through **Confluence**.
- Managed codebases using **Git**, **GitHub**, **GitLab**, and **Bitbucket**, ensuring version control and maintaining high standards of code quality through rigorous **code reviews**.
- Oversaw merges and deployments to ensure application stability and minimize downtime during production releases.
- Integrated third-party APIs and implemented functionality enhancements as required, ensuring seamless application performance and adherence to project specifications.
- Participated in the complete development lifecycle, including **requirement analysis**, **design**, **development**, **testing**, **deployment**, and **post-production maintenance**.
- Utilized **CI/CD** pipelines with **Jenkins** for continuous integration and deployment, automating processes for faster delivery.
- Facilitated communication and collaboration through **Microsoft Teams** and **Slack**, ensuring smooth coordination between teams.
- Delivered high-quality applications that met client requirements and maintained reliability in live environments.

Python Full Stack Developer - Intern

Aug 2019 - Dec 2019

Baabte System Technologies Pvt. Ltd.

Kozhikode ,Kerala

- Developed and maintained front-end web applications using HTML, CSS, JavaScript, Bootstrap and jQuery.
- Created back-end services for data manipulation and business logic using Django.
- Created custom views and models for the application using Python and Django.
- Optimized database queries by leveraging Django ORM tools such as QuerySet objects and Model Managers.

- **Project: Social Networking App**

Developed a Social Networking Application that allows users to **register, log in, update profile data via CRUD operations, and manage friend requests**. The application was designed to create a seamless user experience, enabling easy interaction and socialization. The front-end was built using **Vanilla JavaScript, CSS, Bootstrap, and HTML** to create a responsive and user-friendly interface. The back-end was powered by **Django ORM**, utilizing **SQLite** as the database to store user data and application information securely.

Key features of the application included a user authentication system, allowing users to register and log in with their credentials, and a personalized profile page where they could update their information and manage their connections. Friend requests functionality enabled users to send, receive, and manage friend connections, promoting social interaction. The app also incorporated real-time updates, ensuring that any changes made to the user profile or friend requests were immediately reflected across the platform. Data was synchronized across various components, enabling a dynamic and responsive experience. The project aimed to replicate core functionalities of social networking platforms while maintaining simplicity and ease of use.

EDUCATION

Bachelor of Engineering | Computer Science and Engineering | **6.25 CGPA**
Anna University Chennai | (Al-Ameen Engineering College)

Aug 2015 - Apr 2019
Erode ,TamilNadu