

ABDUL AHAD

FULL STACK DEVELOPER

PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience in designing and building scalable web applications using the MERN stack and modern Full Stack frameworks. Skilled in developing end-to-end solutions, implementing clean API architectures, and integrating real-time systems to deliver responsive and reliable user experiences. Strong foundation in database design, authentication systems, and performance optimization. Committed to writing maintainable code, following industry best practices, and continuously improving through real-world product development.

SOCIAL LINKS

Github: github.com/ahad324

Portfolio: ahad-devsite.netlify.app

Linkedin: linkedin.com/in/abdul-ahad-a08263273

WORK EXPERIENCE

Full Stack (MERN) Intern | Jul 2025 - Sep 2025

Innovent Tech

- Assisted in developing and maintaining web applications, ensuring smooth functionality.
- Participated in debugging and testing to improve application quality.
- Collaborated with team members to deliver features aligned with project requirements.
- Contributed to designing user-friendly interfaces and improving usability.

TECHNICAL SKILLS & EXPERTISE

Languages & Frameworks:

- Javascript / Typescript / Python
- ReactJs / NextJs
- NodeJs / ExpressJs / NestJs / FastAPI / WebSocket / Socket.IO
- Redux / Redux Toolkit / React Query
- Mongoose / TypeORM / SQLAlchemy
- Tailwind / MUI / Bootstrap
- PYQT / Tkinter
- BeautifulSoup / Selenium / Scrapy / Playwright / Puppeteer

Databases:

- MongoDB / Postgress / MySQL / Appwrite

Cloud Services:

- Netlify / Vercel

API Standards & Tools:

- GraphQL / RestAPI / Swagger / OpenAPI
- Postman / Git / Github

DevOps & Infrastructure:

- Docker / Redis / Nginx

ACADEMIC HISTORY

Superior University | 2023-2027

Bachelor of Science in Computer Science.

PROJECTS

Pixel Arena | Multiplayer Real-Time Game Platform

Live: pixelarena.netlify.app

Github Repo: github.com/ahad324/pixel-area

- Built a real-time multiplayer gaming platform using React (Vite), TypeScript, Node.js, Express, and Socket.IO to deliver low-latency match interactions across diverse game modes.
- Architected a custom backend server that manages player state, dynamic room creation, and real-time WebSocket communication for synchronized gameplay experiences.
- Implemented a responsive lobby and multiplayer system enabling users to create or join game rooms with unique codes and play instantly with friends.
- Designed fluid frontend interfaces with TailwindCSS and Framer Motion, including virtual joystick support for mobile and full-screen gameplay adaptability.
- Added interactive enhancements like live emoji reactions, persistent usernames, and dynamic theming to boost user engagement and replayability.

TransferX | Secure Offline File Sharing

Live: transferx.netlify.app

Github Repo: github.com/ahad324/TransferXWeb

- Engineered a secure offline file-sharing system using Python and PyQt6, implementing mutual TLS (mTLS) authentication with certificate pinning to ensure end-to-end encrypted communication over local networks.
- Designed a client-server architecture with secure TLS sockets, automated certificate generation, and LAN-based mDNS discovery for zero-configuration device connectivity.
- Implemented optimized file transfer mechanisms including smart compression, chunked uploads, and efficient stream handling to support large file transfers with low latency and real-time progress tracking.
- Built a polished desktop interface using Qt 6 featuring drag-and-drop uploads, real-time transfer monitoring, dark/light mode support, and native splash screen integration for a production-grade user experience.
- Packaged and published TransferX as a native Windows desktop application distributed through the **Microsoft Store** platform.

AUT-Bank | FastAPI-Powered Banking Backend

Github Repo: github.com/ahad324/aut-bank

- Developed a full-featured banking backend API using FastAPI, delivering secure authentication, real-time transactions, loan and card management, and administrative controls for modern financial systems.
- Architected RESTful services with JWT-based authentication, role-based access control (RBAC), rate limiting, Redis caching, and auto-generated OpenAPI/Swagger documentation to ensure secure, scalable, and well-documented API consumption.
- Implemented core financial workflows including deposits, withdrawals, transfers, and transaction history with filtering, pagination, and CSV export functionality.
- Integrated WebSocket support for real-time notifications and analytics dashboards, enabling live system updates and enhanced user experience.
- Designed a modular, scalable architecture using SQLAlchemy ORM with Microsoft SQL Server, applying clean separation of concerns across models, schemas, and controllers for maintainability and extensibility.

DocNow | Real-Time Document Sharing Web App

Live: docnow.netlify.app

Github Repo: github.com/ahad324/docnow

- Built a responsive, real-time document sharing web application using React, Vite, Appwrite, Tailwind CSS, and Framer Motion to enable users to upload, download, and manage files with a smooth, modern UI.
- Engineered seamless drag-and-drop uploads, live file status updates, and intuitive interfaces to enhance usability across desktop and mobile viewers.
- Integrated secure admin authentication and controls to manage content, allowing authenticated users to moderate, delete, and organize files efficiently.
- Implemented real-time updates via Appwrite subscriptions, providing instant feedback when files are added or removed without requiring page reloads.
- Designed with responsiveness and accessibility in mind, delivering consistent performance and an engaging visual experience across devices.

HomeBudget | Personal Finance & Budget Management App

Live: homebudget-react.netlify.app/

Github Repo: github.com/ahad324/homebudget

- Built a responsive personal finance web application using React, Vite, and modern frontend tooling to help users track income, expenses, and budgets with intuitive controls.
- Engineered secure user authentication and account management to protect financial data and personalize user experiences.
- Designed comprehensive dashboard views that visualize financial data at a glance, including summaries of spending, budgets, and trends for smarter planning.
- Implemented dynamic expense and income tracking with add/edit/delete actions, filters, and real-time updates to enable detailed financial oversight.
- Enhanced user engagement with customizable themes, smooth animations, and responsive design to ensure a polished experience across devices.