

# Asad Abbas

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## EDUCATION

**PMAS Arid University**  
*Bachelor of Science in Computer Science*

Rawalpindi  
2020 – 2024

## TECHNICAL SKILLS

**Programming Languages:** HTML, CSS, JavaScript, TypeScript, C/C++

**Frameworks & Libraries:** ReactJS, NextJS, Redux, VueJS, Vuex, NodeJS, ExpressJS, MongoDB, Bootstrap, Tailwind CSS, Vuetify

**Tools & Platforms:** VS Code, Git, Postman, MongoDB Compass, Firebase

## WORK EXPERIENCE

**Code Frenetics** | *Junior Developer (Promoted from Intern)*

*Aug 2024 – Present*

- Enhanced user interaction on **urbaneye.alriyadh.ai**, a municipal website for Riyadh, Saudi Arabia, by integrating Google Maps to enable intuitive spatial navigation and data visualization.
- Improved the **Commerce Management System (POS)** user interface, optimizing design for a seamless, responsive experience across devices.

## PROJECTS

**SupplyStream WebApp** | *MongoDB, Express, ReactJS, NodeJS, Redux, ReactPdf*

*May 2024 – Jun 2024*

- Implements demand forecasting to anticipate supply needs and minimize shortages.
- Automates requests with an admin approval system for streamlined inventory management.
- Enables real-time inventory tracking for enhanced visibility and decision-making.

**Ecommerce WebApp** | *MongoDB, Express, ReactJS, NodeJS, Redux*

*Mar 2024 – Apr 2024*

- Automates requests with admin approval for efficient inventory management.
- Allows users to submit reviews and ratings, enhancing community engagement.
- Provides demand forecasting and real-time tracking to optimize supply chain operations.

**Weather forecast WebApp** | *MongoDB, Express, ReactJS, NodeJS*

*Jan 2024 – Feb 2024*

- Automates requests with admin approval for efficient inventory management.
- Offers a user-friendly interface for easy access to weather data.
- Provides demand forecasting and real-time tracking to optimize supply chain operations.

**Online Book Reading WebApp** | *MongoDB, Express, ReactJS, NodeJS, ReactPdf*

*Dec 2023 – Jan 2024*

- Automates requests with admin approval for efficient inventory management.
- Allows users to upload and manage their reading materials easily.
- Provides demand forecasting and real-time tracking to optimize supply chain operations.

**Ticket Booking Website for Bus** | *MongoDB, Express, ReactJS, NodeJS*

*Nov 2023 – Dec 2023*

- Automates requests with admin approval for efficient inventory management.
- Provides demand forecasting and real-time tracking to optimize supply chain operations.
- Provides confirmation emails and notifications for booking updates.

**Smart Person Detector and Counter (Final Year Project)** | *AI, Firebase, ReactJS,*

*Oct 2023 – Jun 2024*

- Automates requests with admin approval for efficient inventory management.
- Provides demand forecasting and real-time tracking to optimize supply chain operations.
- Offers real-time analytics to support decision-making and reporting.