

S.No	POC Name	Team Name	Description	Business Use Case	Technology Used
1	HRMS	Engineering Department - Full Stack	The Human Resource Management System (HRMS) is a basic digital platform that helps organizations manage employee records, payroll, attendance, and leave requests. It simplifies HR tasks by centralizing essential functions and provides accurate data to support basic decision-making.	Streamline and centralize HR operations to minimize manual errors, enhance administrative efficiency, optimize employee data management, and empower faster, data-driven decision-making for effective workforce management.	React js (Typescript, tailwind css, vite), Nodejs (Nest js), mongodb, git
2	Mongodb MCP sse implementaion		The MongoDB MCP server with HTTP or SSE transport using the new --transportType and --port command-line arguments.	The core business use case for this technology is leveraging AI assistants and large language models (LLMs) to interact with and manage your MongoDB databases using natural language	Node js, Server Side Events
3	Read Email content		"Read Email Content" is a proof of concept (POC) designed to automatically retrieve, parse, and process the content of incoming emails, enabling seamless integration with workflows for tasks like data extraction, sentiment analysis, or triggering specific actions based on email content.	Used to fetch latest usage data from the on-prem user.	Nodejs
4	React-Shopify-POC	Engineering Department - Full Stack	This POC implements the core shopping logic for a custom Shopify storefront built with React. It uses Shopify's Storefront API (via the shopify-buy SDK) to manage products, collections, and the checkout process.	A business would use this setup when they want to create a fully custom shopping experience outside of Shopify's default themes. For example, a brand can design its own React-based storefront that matches its identity, while still leveraging Shopify's backend for inventory, checkout, and payments. This allows teams to deliver a seamless, modern e-commerce experience without being constrained by Shopify's built-in templates.	React.JS was used for the user interface of the app and shopify-buy sdk was used to integrate all the shopify related functionanlity like get products, cart, checkout link etc.
5	Stripe-POC	Engineering Department - Full Stack	<p>This POC demonstrates the integration of Stripe payment services into a Restaurant Management System built on the MERN stack (MongoDB, Express.js, React.js, Node.js). The system enables users to either:</p> <p>Purchase food items (one-time payment), or Subscribe to meal plans (recurring subscription model) such as monthly lunch, dinner, or breakfast packages, similar to a mess service.</p> <p>The POC ensures secure transactions, automated billing, and real-time payment status updates. It also leverages Stripe's subscription APIs for handling recurring payments and webhook events to manage payment confirmations, cancellations, and renewals.</p>	<p>The POC addresses a real-world need for restaurants, tiffin services, and mess providers who want to:</p> <p>Streamline Payments: Allow customers to pay seamlessly for daily food orders and Enable automatic recurring payments for meal subscriptions (weekly/monthly).</p> <p>Offer Subscription-Based Meal Plans: Customers can subscribe to affordable meal packages (Lunch/Dinner/Breakfast) and Ensures recurring revenue for restaurants/mess services.</p> <p>Enhance Customer Convenience: No need to pay manually every day and Customers can manage subscriptions (upgrade, pause, cancel) via Stripe.</p> <p>Operational Efficiency: Real-time payment tracking helps restaurants forecast demand and Automated invoicing reduces manual effort in payment collection.</p> <p>Scalability: Can be extended to multiple restaurants, delivery services, and corporate food plans and Works as a base for building a FoodTech SaaS model.</p>	<p>MongoDB – Database for users, orders, subscriptions</p> <p>Express.js – Backend API framework</p> <p>React.js – Frontend UI with Stripe Elements integration</p> <p>Node.js – Server-side runtime</p> <p>Stripe API & Webhooks – Secure payments (one-time & subscriptions)</p>

6	Exclusive E-Commerce	Engineering Department - Full Stack	<p>This eCommerce application is built using the MERN stack (MongoDB, Express.js, React.js, and Node.js), providing a robust full-stack JavaScript solution for modern web development. It delivers a complete online shopping experience with features like user authentication, product listings, shopping cart functionality, order management, and secure payment integration.</p> <p>The backend, powered by Node.js and Express, is designed to be modular and scalable, with RESTful APIs and MongoDB as the database for flexible, schema-less data storage. The frontend, developed with React, uses reusable components and a clean UI for a responsive and interactive user experience.</p>	<p>This project offers a real-world eCommerce experience that can be used as a functional prototype or minimum viable product (MVP). It features a modular and scalable backend architecture, allowing for easy expansion as the business grows. The frontend is built with reusable components and a clean, user-friendly interface, enabling fast and efficient development cycles. Additionally, the entire application is optimized for easy deployment on modern cloud platforms, making it practical and production-ready from day one.</p>	<p>Technical Stack:</p> <p>Frontend: React, SCSS, Lucide-react, Slick Carousel</p> <p>Backend: Node.js, Express.js, MongoDB</p> <p>Authentication: JWT, bcrypt</p> <p>Media Handling: Multer + Cloudinary</p> <p>Email Integration: SMTP with Nodemailer</p> <p>Media Handling: Multer + Cloudinary</p>
7	Guacamole	Engineering Department - Full Stack	<p>Apache Guacamole is a clientless remote desktop gateway that allows secure, browser-based access to VMs (Windows/Linux) via RDP, VNC, or SSH. It centralizes VM access in one web portal, eliminates the need for VPNs or client software, and provides secure, role-based, and auditable connections for employees, contractors, and partners.</p>	<p>We need to connect to multiple VMs (Windows) across cloud and on-prem. RDP clients is hard to manage, insecure, and not user-friendly, the solution is to deploy Apache Guacamole as a browser-based remote access gateway. Users log in to a central portal and access VMs (via RDP) without installing clients or VPNs.</p>	Node js, docker
8	Syncing DB updates in on-prem	Engineering Department - Full Stack	<p>The solution uses webhooks and Kubernetes rollout restarts to automatically update on-prem deployments whenever a new Docker image is pushed to Docker Hub. For database/master-data sync, the on-prem platform connects to the cloud via APIs (direct mode) or uses signed JSON files (offline mode) to keep licenses and master data updated.</p>	<p>On-premise deployments often fall behind cloud updates, requiring manual rollout of new images and manual syncing of master/licensing data, solution is to automatically restart Kubernetes deployments on image updates, ensuring on-prem services always run the latest version.</p>	Node js, docker , Kubernetes
9	Chat application	Full stack - using socket	<p>This project is a simple real-time chat application that supports one-to-one messaging with text and image sharing. It shows the number of users currently online, delivers messages instantly, and includes a seen/read status to enhance the chatting experience.</p>	<p>It can be used for Internal Team Communication or any Social Networking/Messaging App</p>	Node js, React, Socket.io
10	DocuSign	Engineering Department - Full Stack	<p>DocuSign demonstrates the integration of DocuSign's eSignature API into a digital workflow, enabling secure, efficient, and legally binding electronic signatures. The POC showcases how documents can be uploaded, routed to multiple signers, and tracked in real time, eliminating manual paperwork and reducing turnaround time. It highlights features such as signer authentication, automated notifications, audit trails, and seamless integration with existing applications.</p>	<p>organizations often face delays, inefficiencies, and compliance risks due to manual document signing processes. The DocuSign POC addresses this challenge by digitizing the end-to-end signature process</p>	react js
11					
12					
13					
14					
15					
16					

17					
18					
19					
20					
21					
22					
23					
24					
25					
26					