

Good [morning/afternoon/evening],

I am Ajay, a final-year student pursuing a degree in B.Tech from SVCET.

My academic journey has equipped me with a strong foundation in computer science and a genuine passion for IT solutions and innovation, including scoring a perfect hundred (centum) in Computer Science during my 12th standard.

I actively engaged in technical events hosted by different colleges, where I had the privilege of competing and securing prizes and rewards.

and I have had the opportunity of organizing numerous functions in my college.

Throughout my years of study, I have actively engaged in projects and coursework that have honed my skills in programming languages like C,C++ and Java.

And I am proud to hold certifications from AWS, including the AWS Cloud Foundation and AWS Cloud Practitioner Essentials.

I have also gained practical experience in working with technologies such as HTML CSS JAVASCRIPT PHP SQL SQLITE

by freelancing projects to the client by giving software solutions to their business .

During my academic journey, I had the privilege of leading a dynamic team in the development of "EduConnect," an ERP College management software for SVCET College. In this project, I managed both front-end and back-end technologies, overseeing the creation of essential modules such as admission, attendance, and staff workload. EduConnect, which was successfully launched by SVCET College, streamlined various college management processes and showcased my ability to design and implement efficient, user-friendly solutions for real-world challenges.

In addition to leading the development of "EduConnect", an ERP College management software, I have served as a backend developer for a Hotel Management System and a GST Billing Software. In the Hotel Management System, I played a key role in developing various modules, including billing (POS), KOT system, inventory management, stock supervision, dish reports, billing summary, income and expense system, and sales analytics. This experience sharpened my skills in creating robust and scalable backend systems, ensuring the seamless operation of critical business functions for the hospitality industry.

Furthermore, in the GST Billing Software, I was responsible for implementing features such as PDF invoice generation, which allowed users to create invoices, delivery challans, and quotations effortlessly. I meticulously handled the complexities of CGST and SGST, ensuring accurate calculations and compliance with GST regulations. Additionally, I developed a transaction summary system, streamlining financial record-keeping and providing valuable insights into the business's financial health.

Moreover, my involvement in projects like the development of the "Aarudhraa" website my team and I not only created a visually appealing website but also implemented a robust content management system. The unique feature of this website was the intuitive admin pages we developed, allowing client to edit and manage their website content seamlessly.

Currently, I am deeply immersed in a challenging and innovative project within our college—a Visitor's App. In this project, I am harnessing cutting-edge technologies such as React.js, Express.js, and Firebase. This hands-on experience is expanding my expertise in modern web development frameworks and cloud services, making me well-versed in the latest industry practices.

The Visitor's App is designed to enhance security and convenience for visitors to our campus. One of its standout features is the e-token generation system, which provides visitors with a QR code upon entry registration. This QR code acts as a secure credential and is scanned at the entry points. Access is only granted if the scanning is authorized, ensuring a high level of security for our campus quarters.

Additionally, the Visitor's App facilitates room bookings for visitors, streamlining the process and ensuring a hassle-free experience. Visitors can also make food bookings through the app, enhancing their overall stay experience while ensuring the security of our campus quarters.

One aspect of my journey that I am particularly proud of is my role as a team leader. My leadership skills have been honed through diverse experiences, including my involvement in the NCC. Leading a team has taught me the importance of effective communication, collaboration, and delegation. By guiding my team through challenges, I have not only fostered a spirit of teamwork but also importance of meticulous planning, effective coordination and ensured the timely and successful delivery of our projects. These experiences have strengthened my ability to work in diverse and dynamic environments.

I have a strong passion for learning new technologies. I find joy in exploring and understanding the latest advancements in the tech world. This curiosity drives me to constantly update my skills and stay ahead of the curve, ensuring that I am always equipped to tackle new challenges and contribute effectively to any project I am a part of.

I am excited about the opportunity to bring my unique blend of academic excellence, technical skills, leadership abilities, and real-world project experiences to Touchmark. I am confident that my passion for technology and my commitment to excellence make me a valuable asset to your team.

EDUCONNECT :

thank you for joining us today. I am thrilled to present to you EduConnect, our comprehensive ERP College management software designed specifically for SVCET College. With EduConnect, we've transformed complex administrative tasks into seamless, user-friendly experiences, empowering our college community to focus more on education and less on paperwork.

Admission Module:

[On the screen, the Admission Module interface appears, displaying a streamlined form with intuitive dropdown menus and easy-to-fill fields.]

You: Let's start with the Admission Module. With EduConnect, the admission process has never been smoother. Prospective students can easily submit their applications online, and our staff can efficiently review and manage applications in real-time. The system automates the entire admission workflow, from application submission to fee payment, ensuring accuracy and reducing manual errors.

[You proceed to the Attendance Module.]

Attendance Module:

[The Attendance Module interface appears, showing a calendar view with color-coded attendance records for various classes and dates.]

You: Next, we have the Attendance Module. EduConnect simplifies attendance tracking for both students and faculty. Teachers can mark attendance with just a few clicks, and students can view their attendance records instantly. The system also generates detailed reports, helping us monitor attendance trends and ensure timely interventions for students who need additional support.

[You move on to the Staff Workload Module.]

Staff Workload Module:

[The Staff Workload Module interface appears, displaying a visual representation of teachers' schedules, including classes, meetings, and other responsibilities.]

You: Our Staff Workload Module optimizes the allocation of resources. It provides a clear view of teachers' schedules, allowing us to balance workloads effectively. With this module, we can ensure that our faculty members have a manageable and balanced workload, enhancing their overall productivity and job satisfaction.

[You conclude the demonstration with a summary of the benefits.]

You: In conclusion, EduConnect revolutionizes college management at SVCET. By integrating innovative front-end and back-end technologies, we've created a powerful tool that enhances efficiency, accuracy, and collaboration across various departments. We are proud to have successfully launched EduConnect, showcasing our commitment to providing cutting-edge solutions for real-world challenges.

HOTEL MANAGEMENT SYSTEM:

I'm thrilled to introduce you to our Hotel Management System, a technological marvel designed to revolutionize the way hotels operate. With this system, we have successfully streamlined various critical processes to enhance efficiency and provide an unparalleled guest experience.

[You start the demonstration with the Point of Sale (POS) module.]

Point of Sale (POS) System:

[On the screen, the POS interface appears, showcasing the easy-to-use interface for processing guest orders.]

You: Our POS system simplifies the ordering and billing process. Staff can take orders swiftly, customize them as per guest preferences, and generate accurate bills instantly. This not only speeds up service but also ensures that guests receive exactly what they desire, leading to increased satisfaction.

[The screen transitions to the Kitchen Order Ticket (KOT) system.]

Kitchen Order Ticket (KOT) System:

[The KOT interface is displayed, highlighting seamless communication between the kitchen and serving staff.]

You: The KOT system facilitates seamless communication between the kitchen and the serving staff. Orders are relayed instantly, minimizing waiting times and ensuring that food is served hot and fresh. It's a vital tool for enhancing kitchen efficiency and delivering a superior dining experience to our guests.

[The screen displays the Inventory Management module.]

Inventory Management:

[The Inventory Management interface appears, showcasing real-time stock levels and automated restocking alerts.]

You: Managing inventory is a breeze with our system. It provides real-time updates on stock levels, tracks usage patterns, and sends automatic alerts when items are running low. This proactive approach prevents shortages, reduces wastage, and ultimately saves costs for the hotel.

[The presentation transitions to the Billing Summary and Income and Expense System.]

Billing Summary and Income and Expense System:

[The Billing Summary interface is displayed, presenting a detailed overview of daily transactions and financial insights.]

You: Our Billing Summary and Income and Expense System offer comprehensive financial insights. Managers can effortlessly track daily transactions, analyze revenue streams, and monitor expenses. This data-driven approach empowers you to make informed decisions, optimize pricing strategies, and maximize profitability.

Dish Reports:

[The Dish Reports interface appears on the screen, displaying detailed analytics on menu items and customer preferences.]

You: The Dish Reports module provides invaluable insights into your menu. It tracks the popularity of dishes, customer preferences, and peak ordering times. By analyzing this data, you can make informed decisions about your menu offerings, ensuring that you always serve dishes that delight your guests. It's like having a chef's intuition backed by powerful analytics.

[The screen transitions to the Sales Analytics module.]

Sales Analytics:

[The Sales Analytics interface appears, showcasing visual representations of sales data, trends, and revenue projections.]

You: Our Sales Analytics module offers a deep dive into your hotel's financial performance. It provides visual representations of sales data, trends, and revenue projections. With these insights at your fingertips, you can identify high-performing periods, strategize marketing campaigns effectively, and adjust your offerings to maximize revenue. It's not just about understanding the past; it's about predicting and shaping the future of your business.

[You seamlessly integrate Dish Reports and Sales Analytics into the overall system.]

You: By seamlessly integrating Dish Reports and Sales Analytics into our Hotel Management System, we empower you with the tools needed to make data-driven decisions. Whether you're refining your menu, optimizing staffing levels, or planning promotions, these modules provide the intelligence to drive your hotel's success.

I'm thrilled to share our upcoming enhancement to the Hotel Management System – a seamless, interactive dining experience through QR code ordering. Imagine your guests enjoying a dining experience that's not only efficient but also engaging and delightful.

[You illustrate the process on the screen as you continue.]

QR Code Ordering System:

[Visuals demonstrate a customer scanning a QR code at their table, accessing the menu and placing orders through the system.]

You: With our QR Code Ordering System, guests can simply scan a QR code at their table, instantly accessing our menu on their smartphones or tablets. They can browse through a visual feast of food items, complete with enticing images and detailed recipes. This immersive experience allows them to make informed choices, enhancing their overall dining satisfaction.

[The screen displays the seamless integration with the Kitchen Order Ticket (KOT) system.]

Integration with KOT System:

[The screen showcases the orders placed through the QR code being seamlessly integrated into the KOT system, ready for preparation in the kitchen.]

You: When the guests place their orders through the QR Code system, it directly integrates with our Kitchen Order Ticket (KOT) system. Orders are transmitted instantly to the kitchen, where our chefs can start preparing the dishes promptly. This not only reduces waiting time but also ensures that each dish is prepared with precision and delivered to the table at its freshest.

[The demonstration continues to highlight the option for customers to pre-order their next food item.]

Pre-ordering Feature:

[Visuals depict a customer selecting their next food item before finishing the first, enhancing the efficiency of service.]

You: But here's the exciting part – guests can pre-order their next food item even before they finish their current dish. This feature allows them to plan their meal at their own pace, significantly reducing the waiting time for both the server and the kitchen. It's all about empowering your guests with control and convenience.

Consolidated Billing:

[Visuals showcase various food items ordered at different times being automatically consolidated into a single bill.]

You: Regardless of how many times a guest places an order, our system intelligently consolidates all their orders into one bill. Whether they order a starter, then a main course, and perhaps a

dessert later, everything is neatly organized into a single, comprehensive bill. This simplifies the payment process and ensures transparency in transactions.

[The screen transitions to the e-bill generation process.]

E-Bill Generation and Mobile Payment:

[The screen displays a mobile device generating an e-bill and a payment confirmation notification.]

You: Once the guest is ready to settle their bill, they can do so directly from their mobile device. Our system generates an electronic bill (e-bill) that is sent to their smartphone or tablet. From there, they can review the charges, apply coupons or discounts based on the star points they've accumulated through their login accounts from previous orders. This feature not only rewards loyal patrons but also encourages repeat business. As they review their e-bill on their mobile devices, they can effortlessly redeem their earned rewards, ensuring a satisfying and cost-effective dining experience. By integrating this functionality, we're not only simplifying the payment process but also strengthening customer loyalty, making their interactions with our establishment even more delightful and tailored to their preferences.

This innovative approach not only saves time but also enhances data accuracy. Guests can enjoy a hassle-free dining experience, from ordering to payment, all at their fingertips. By embracing this paperless and efficient billing system, your hotel can contribute to a greener environment while delivering a seamless and delightful dining experience for your guests.

GST BILLING SOFTWARE:

I am excited to present our GST Billing Software, a robust solution designed to simplify the complexities of GST compliance while enhancing your financial management processes. Through my role in this project, I focused on creating a seamless experience for generating invoices, understanding tax components, and gaining valuable insights into your business's financial performance. Let's explore the key features.

[You begin by showcasing the PDF invoice generation feature.]

PDF Invoice Generation:

[On the screen, the software interface displays an intuitive dashboard for creating invoices, delivery challans, and quotations.]

You: With our GST Billing Software, generating professional invoices, delivery challans, and quotations has never been easier. Users can effortlessly create detailed, customized documents in PDF format. This feature not only saves time but also ensures consistency and professionalism in your business communication.

[The screen transitions to showcase the complexities of CGST and SGST calculations.]

Accurate CGST and SGST Calculations:

[Visuals demonstrate the software's ability to handle CGST and SGST calculations accurately.]

You: Managing CGST and SGST can be intricate, but our software simplifies the process. I meticulously handled the complexities, ensuring that the calculations are accurate and compliant with GST regulations. This means you can focus on your business operations, knowing that your tax calculations are taken care of seamlessly.

[The presentation moves on to the transaction summary system.]

Transaction Summary System:

[The screen displays a dashboard with graphical representations of financial data and transaction summaries.]

You: In addition to facilitating day-to-day transactions, our software provides a comprehensive Transaction Summary System. This tool not only streamlines financial record-keeping but also offers valuable insights into your business's financial health. You can visualize your revenue streams, track expenses, and analyze profit margins. These insights empower you to make informed decisions and strategize effectively for the future.

[You conclude the demonstration, emphasizing the software's efficiency and compliance.]

You: In conclusion, our GST Billing Software is your reliable partner for efficient, compliant, and insightful financial management. It not only simplifies invoice generation but also ensures accurate tax calculations and offers a clear overview of your financial data. With this software, you can focus on growing your business while we handle the complexities of GST compliance. Thank you for your time, and I'm here to answer any questions you may have about this transformative tool for your business.

AARUDHRAA WEBSITE:

I am thrilled to present our work on the Aarudhraa Organics website, a project that not only brought creativity to the forefront but also emphasized the importance of seamless content management. Our goal was not just to create a visually appealing website but to empower our client with the ability to manage their content effortlessly. Let's delve into the details of this exciting project.

[You begin by showcasing the visually appealing website design.]

Visually Appealing Website Design:

[The screen displays the Aarudhraa Organics website, highlighting its beautiful layout, vibrant colors, and intuitive navigation.]

You: The first aspect we focused on was creating a visually engaging website. We meticulously designed a layout that reflects the essence of Aarudhraa Organics – organic, eco-friendly, and vibrant. The color palette, imagery, and typography were carefully chosen to create an inviting online environment for visitors. Navigating the website feels intuitive, ensuring a pleasant user experience.

[The demonstration moves on to the robust Content Management System (CMS).]

Robust Content Management System:

[Visuals display the backend interface of the CMS, showcasing its user-friendly design and various editing options.]

You: One of the standout features of this project is the implementation of a robust Content Management System (CMS). We wanted to ensure that our client could manage their website content without any technical hurdles. Our team developed a user-friendly backend interface, allowing the client to edit text, update images, add new products, testimonials. The intuitive design of the CMS empowers the client, giving them control over their online presence.

[The presentation highlights the unique feature: Intuitive Admin Pages.]

Intuitive Admin Pages:

[The screen displays the admin pages, demonstrating how the client can easily edit website content in real-time.]

You: What sets this project apart is the creation of Intuitive Admin Pages. These specialized pages were meticulously developed, enabling the client to edit and manage their website content in real-time. Whether it's updating product descriptions, uploading new photos, or changing pricing details, our client can do it all with just a few clicks. This feature ensures that the website stays current and relevant without any delays, providing a dynamic user experience.

[You conclude the demonstration, emphasizing the impact of the project on the client's online presence.]

You: In conclusion, the Aarudhraa Organics website is a testament to our commitment to both creativity and functionality. By combining a visually appealing design with a powerful Content Management System and Intuitive Admin Pages, we have provided our client with a website that not only captures attention but also facilitates seamless content management. Thank you for your time, and I'm here to address any questions you may have about this transformative online platform we've created for Aarudhraa Organics.

VISITOR APP:

I am excited to introduce you to our latest endeavor, the Visitor's App—an innovative solution that embodies the future of campus security and visitor experience. In this project, we've harnessed the power of advanced technologies, blending creativity with functionality to create a seamless and secure environment for all our visitors. Let's dive into the details of this groundbreaking app.

[You begin by explaining the core feature: e-token generation system.]

E-Token Generation System:

[Visuals showcase the app interface, demonstrating the visitor registration process and the generation of QR codes.]

You: One of the standout features of our Visitor's App is the E-Token Generation System. Upon entry registration, visitors receive a unique QR code on their smartphones. This QR code acts as a secure credential, ensuring that only authorized individuals can enter our campus quarters. The entry points are equipped with scanners that read the QR code, granting access only after a successful authorization. This not only enhances security but also provides a seamless check-in experience for our visitors.

[The demonstration moves on to room bookings and food reservations.]

Room Bookings and Food Reservations:

[The screen displays the app's interfaces for room bookings and food reservations, highlighting the user-friendly process.]

You: In addition to enhancing security, our Visitor's App simplifies the stay experience for our guests. Through the app, visitors can effortlessly book rooms on our campus, streamlining the accommodation process. Moreover, they can make food bookings, ensuring that their dining preferences are catered to without any hassle. By integrating these features, we are not only ensuring convenience but also optimizing our resources efficiently.

Recording Entry and Exit with QR Codes:

[Visuals demonstrate the app's interface displaying a record of student and staff entry and exit, recorded through QR codes.]

You: In our commitment to campus security, the Visitor's App goes beyond the visitor experience. We've implemented a comprehensive system to track the entry and exit of our students and staff. Each registered member receives a unique QR code upon sign-in. When they enter or exit a campus building, they simply scan their QR code at designated points. The app records these transactions, creating an accurate digital log. This not only ensures accountability but also provides real-time data on the movement of individuals within our campus, bolstering security measures significantly.

[The screen displays a dashboard showcasing real-time entry and exit logs.]

Real-time Monitoring and Reporting:

[Visuals show a dashboard displaying real-time entry and exit data, allowing administrators to monitor campus activity.]

You: Administrators and security personnel have access to a real-time monitoring dashboard. This dashboard displays live entry and exit data, enabling instant oversight of campus activity. Suspicious movements or unexpected patterns trigger alerts, allowing immediate response if necessary. With this feature, we're not just recording entries and exits; we're actively ensuring the safety and security of our campus community.

In conclusion, the Visitor's App represents a holistic approach to campus security and visitor management. By combining e-token generation for visitors, streamlined room and food bookings, and real-time recording of entry and exit for students and staff, we've created a comprehensive solution that sets new standards for campus safety and convenience. This project reflects our dedication to creating a secure and efficient environment for everyone within our campus community. Thank you for your attention, and I'm here to address any questions you may have about this transformative Visitor's App.