

# Shubham Raj Kashyap

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## PROFESSIONAL SUMMARY

**Software Development Engineer** at **ITC Limited** with expertise in developing **mobile applications** and internal systems. Led the frontend development for **order management, inventory management, and employee management** using **Flutter**. **Architected and implemented** a full-stack **escalation system**, built a custom **notification system** from scratch in Flutter, and implemented **CI/CD pipelines** for frontend Flutter app deployment using AWS services like **CodeCommit, CodeBuild, CodeDeploy, and CodePipeline**. Also developed a React-based web application and a mobile app with **Flutter** and **Django**. Skilled in **UI/UX** design, usability testing, and providing technical support to ensure seamless operations and user-centric solutions.

## Education

**Dayananda Sagar University**

*Sept 2020 – June 2024*

*B.Tech in Computer Science and Technology*

- GPA: 8.34
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

## Experience

**Software Developer Engineer Intern + FTE**

*Bangalore, India*

*ITC Limited*

*Apr 2024 – Present*

- Software Development Engineer at **ITC Limited** with hands-on experience in building mobile applications and internal software solutions.
- Developed the frontend for order management and inventory management systems using Flutter.
- Developed the **frontend** for a comprehensive **Supply-Chain Management** App for ITC Limited Cloud Kitchens, integrating **live inventory tracking, order management**, and processes like indents, dispatches, receipts, PSV, and wastage tracking, with async PDF generation for delivery challans and real-time inventory updates. All systems in the frontend were designed to be **permission-based**.
- **Implemented CI/CD pipelines** for the deployment of frontend Flutter applications using AWS services including CodeCommit, CodeBuild, CodeDeploy, and CodePipeline, ensuring seamless and automated app delivery.
- **Designed and implemented a custom notification system** from scratch using Flutter, which polls notifications at specific intervals defined by a **polling mechanism**, ensuring seamless functionality without external services.
- Built the frontend for **employee management systems**, ensuring seamless functionality and usability.
- Designed and implemented an **escalation system**, handling both frontend and backend development.
- Developed a dynamic React-based web application and a mobile application utilizing Flutter for the frontend and Django for the backend.
- Successfully translated detailed design specifications into efficient, scalable, and user-centric applications.
- Proven ability to work collaboratively across teams, ensuring that software solutions are aligned with business objectives and user needs.

**Student Engineer**

*Bangalore, India*

*Evertz India*

*Jan 2024 – Mar 2024*

- As a Student Engineer in the SDVN team, I assisted in implementing Evertz SDVN solutions, supported orchestration and **monitoring tools**, and collaborated on **diagnosing and resolving issues**.

**UI UX Designer Intern**

*Bangalore, India*

*Canwin*

*Dec 2022 – Jan 2023*

- As a **UI/UX** Design Intern, I collaborated on user flows and wireframes, conducted **usability testing** and **iterative design**, and created high-fidelity **prototypes** using Sketch and InVision.

### IT Intern

*Gifting INC*

*Bangalore, India*

*July 2022 – Sep 2022*

- As an IT Intern, I built and maintained Gifting INC's user-friendly **website**, analyzed **global data** for system improvements, coordinated tech efforts across departments, and provided efficient tech support to enhance user satisfaction.

## Projects

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### Java Payroll Management System

Java payroll management system is a **software application** that helps businesses manage their **payroll processes**

Tools Used: Java, React, SQL

- **Java Restaurant Management System**

- is a **software application** that helps **restaurants manage** their operations, including taking **orders**, **processing payments**, and **tracking inventory**

- Tools Used: Java, React, SQL

## Technologies

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**Languages:** Flutter, Java, C, HTML, CSS, JavaScript, React, SQL, Angular, Python, Kotlin

**Tools:** Git, Linux, Figma, AWS, Excel, MS Office, Sentry, AWS Code Commit, AWS Code Build, AWS Code Deploy, AWS Code Pipeline

**Soft Skills** Leadership Strong Decision Maker Team Player