SHUBHAM

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SUMMARY

2.6+ years of experience in software development, specializing in backend development and the complete product life cycle: from requirement gathering and documentation to coding and deployment. Skilled in end-to-end system design, development, and infrastructure setup. Experienced in managing complex projects, coordinating tasks, and delivering high quality solutions.

TECHNICAL SKILLS:

- **Languages:** JavaScript, Java
- **Frameworks:** Express, Spring boot
- **Databases:** MySQL, Oracle SQL, MongoDB, Firebase
- **ORM:** Prisma
- **OS:** Linux, Windows
- **CI/CD:** Git, Docker, Jenkins

KEY SKILLS:

- Code Review and Optimization
- API Design and Development

PROFESSIONAL EXPERIENCE

RISHIKIRTI TECHNOLOGIES PVT. LTD.   NOIDA/INDIA
Software developer   *Sep 2022 – Present*

RishiKirti Technology is a software solutions provider, specializing in ERP services, mobile app and web application development.

Project 1: AP Automation (Accounts payable automation)

- **BOT: Developed a Java-based script** to monitor a shared directory in real-time and automate invoice processing for gate entry in ERP software.
- **OCR:** Implemented Optical Character Recognition (OCR) using Vertex AI and Document AI to extract critical invoice data.
- Built a backend server using Spring Boot with Oracle SQL for data management.
- Integrated Redis caching for storing dynamic menus and user sessions, significantly improving authentication speed.
- Worked on a **template training module** to enhance invoice processing accuracy.

Project 2: RKT-ESS (Employee Self-Service)

- Working on a backend server in JavaScript using express for employee self-service Mobile app.
- Designed and maintained MySQL database schema using Prisma ORM, ensuring efficient data retrieval.
- Implemented secure authentication and role-based access control for different employee levels.
- Developed APIs for leave management, attendance tracking, and employee profile updates.

Project 3: Vendor Portal

- Built a backend server using Spring Boot with Oracle SQL for data management.
- Integrated with BOT and AP automation for Advanced Shipment Notice (ASN).
- Streamlined the invoice processing workflow, reducing OCR errors and improving accuracy.
- Implemented secure APIs for seamless communication between vendors and the internal system.

Project 4: JDE PO Approval

- Created a middleware server using Express to act as a bridge between the mobile app and JDE Orchestrator.
- Listens to user requests, forwards them to JDE, processes the response, and returns the final data to the app.
- Handled data manipulation and formatting to ensure seamless communication between systems.
- Integrated comprehensive error handling, response validation, and logging mechanisms to ensure reliable communication and quick issue resolution.

Project 5: App Square
- ● **Built a full-stack IoT system** integrating React Native, Node.js, Firebase, and MQTT for real-time appliance control from anywhere.

    Software Development:
    - ▫ Developed a cross-platform mobile application using React Native for real-time appliance control.
    - ▫ Built a Node.js backend with Express to manage device communication and user interactions.
    - ▫ Implemented real-time data synchronization with Firebase Realtime Database.
    - ▫ Utilized MQTT protocol to enable seamless communication between software and hardware components.

    Hardware Implementation:
    - ▫ Configured ESP8266 (Node MCU) and ESP32 for handling relay switching of appliances.
    - ▫ Designed an **IoT-based circuit** to automate home appliances based on user commands.

EDUCATION & OTHER

J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY   FARIDABAD**/** INDIA
Bachelor of Technology in Computer science and engineering   *Graduation May 2022*
LANGUAGES: English, Hindi