




# Varsha Dhanotiya

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## WORK EXPERIENCE

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- **A3logics** Jaipur, Rajasthan  
Associate Software Engineer *September 2023 - present*
  - Developed a high-performance cross-platform mobile app from scratch, integrating payment gateway systems and **Google Analytics**, driving a 40% increase in user engagement.
  - Configured and managed **Apple Push Notifications (APNs)** and incorporated **in-app purchase** functionality for subscriptions, enhancing user interaction and monetization features on **iOS** devices.
  - Improved code quality in a React application by resolving bugs in 10 major releases, significantly enhancing application stability and performance across all user interactions.
  - Collaborated to resolve 20+ critical bugs in a Workiva Design System project, optimizing key features and improving the usability and performance of the system across multiple modules.
  - Developed and integrated encrypted links using **Java API** for secure email delivery, automating user linkage processes; achieved a 99% success rate in seamless transitions while ensuring data integrity through robust encryption and decryption algorithms
  - Designed and optimized REST APIs, enhancing system performance and reducing latency by 25%, ensuring efficient communication between microservices.
  - **Skills used:** React.js, Redux, Next.js, TypeScript, React Native, Java, Spring JPA, MySQL, Git.
- **Essentia Softserv LLP** New Delhi, India  
Software Developer Intern *January 2023 - June 2023*
  - Designed and implemented an advanced Invoice Management System featuring automated itemization and branding customization; streamlined workflow efficiency, resulting in a 40% reduction in manual entry errors and improved team productivity.
  - Created an intuitive **QR and Barcode Generator**, integrating it into invoicing processes to enhance tracking capabilities and enable 40% faster retrieval of invoice data, increasing operational efficiency.
  - Developed a responsive and dynamic user interface, ensuring seamless interactions and a high level of usability across devices, resulting in a 30% increase in user satisfaction.
  - Collaborated with back-end developers to integrate RESTful APIs with the front-end, improving data flow and enhancing user experience.
  - Implemented efficient state management techniques, optimizing performance and ensuring consistent, scalable state across the application.

## SKILLS SUMMARY

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- **Languages:** Java, JavaScript, TypeScript, SQL, HTML, C++
- **Frameworks:** React, React Native, Next.js, Jest, Spring Boot, JPA, Hibernate, Bootstrap, CSS
- **Tools and Practices:** Linux, GitHub, JIRA, REST API, Agile Methodologies
- **Soft Skills:** Communication, Teamwork, Problem-Solving.

## PROJECTS

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- **Quiz Website:** Built a comprehensive quiz application with a repository of over 500 questions, detailed completion instructions, and a leaderboard for tracking the top 100 scores. Integrated interactive features that boosted user engagement by 30% and achieved a 95% satisfaction rate in user feedback surveys.
- **Banking System:** Devised and executed a comprehensive banking platform using MySQL, including schema design and ER diagram creation, with functionalities for cash transactions, fund transfers, and loan processing. Optimized database queries for improved performance, enabling the system to handle high transaction volumes efficiently.
- **Chat Application:** Developed a real-time chat application using React.js and Firebase/Socket.io for real-time messaging. The app features a responsive UI for sending and receiving messages with real-time updates. Integrated Firebase Firestore for persistent data storage and real-time synchronization of messages across all connected clients. Enabled seamless chat experience with features like message history, user input validation, and message timestamping.

## EDUCATION

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- **Banasthali Vidyapith** Banasthali, India  
Master's in Computer Application, CGPA: 8.79 *July 2021 - June 2023*
- **Banasthali Vidyapith** Banasthali, India  
Bachelor of Computer Application, CGPA: 8.74 *July 2018 - June 2021*