

# Bhawar Gujral

SOFTWARE DEVELOPER- Logical Reasoning, Data Structures, System Design

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## SKILLS

- **Programming Languages:** C++, Java, Swift, Kotlin, Python, TypeScript – for application logic, scripting.
- **Libraries & Frameworks:** Spring Boot, AndroidX, SwiftUI, React, & React Native – multi-platform interface.
- **Web Development:** HTML5, NativeWind, Tailwind, Bootstrap, Node.js – for responsive UI and API testing.
- **Database Management:** PostgreSQL, MongoDB – for structured and unstructured data storage and querying.
- **Development Tools:** Git, GitHub, VS Code, Android Studio, Xcode – for code management, app development.

## WORK EXPERIENCE

### Java Developer

Socket Magnate Pvt Ltd

January 2022 – February 2023

India

- Conducted comprehensive unit testing and debugging on legacy Java 7 codebase, measurably improving system stability and reducing defect rate by 40% while upgrading to Java 17 environment for enhanced overall efficiency.
- Optimized legacy billing software for a large customer base by refactoring outdated components, integrating modern RESTful APIs, improving processing speed by 28%, enabling scalable transaction handling capabilities.
- Implemented novel document sharing features via WhatsApp and email, considerably increasing user engagement by 22% and expanding the software's collaborative capabilities for diverse client workflows and usage scenarios.
- Facilitated migration from Java 7 to Java 17, Strategically enhancing application performance, security compliance, which decreased memory consumption by 15%, minimized runtime exceptions during peak usage periods.
- Developed automated deployment scripts using Jenkins CI/CD pipeline, reducing release time by 35% and appreciably improving overall DevOps pipeline reliability across diverse production environments worldwide.
- Collaborated closely with cross-functional teams to design and implement robust microservices architecture, enhancing system modularity, supporting 40% faster feature rollouts with better scalability and maintainability.

## INTERNSHIP

### Lead Software Developer

HRXConnect

September 2024 – December 2024

Ontario

- Engineered a full-featured ecommerce mobile app utilizing advanced React Native libraries, elevating performance benchmarks by 30% and delivering seamless user experience within a 4-month agile development sprint cycle.
- Integrated Stripe payment gateway and Google Cloud storage to secure user transactions and data retrieval, measurably reducing latency by 25% while supporting persistent cart functionality across diverse user sessions.
- Architected unique UI/UX designs with consistent patterns across all application modules, enhancing user retention metrics by 18% and maintaining scalable, modular codebase for efficient future feature extensions roadmap.
- Directed a 4-member development team coordinating cross-functional tasks and version control workflows, achieving 100% milestone adherence and accelerating feature deployment cycles by 20% within strict project deadlines.
- Implemented Google Sign-In authentication to streamline onboarding, enhancing security protocols and reducing user drop-off during login by 22%, and while ensuring compatibility with cross-platform identity standards.

## PROJECT EXPERIENCE

### Expense Tracker App

Developer, Toronto

- Engineered a robust Android application with backend using Spring Boot, integrating secure RESTful APIs for streamlined financial transaction management across diverse user environments and real-world scenarios.
- Designed app functionality to record both individual and group financial transactions, enabling detailed expense estimation across diverse, user groups with intuitive UI components and seamless data synchronization features.
- Implemented tracking for owed and owing amounts between users, providing real-time financial balance insights within the application through interactive charts, push notifications, and automated reminders for settlements.

## EDUCATION

### Postgraduate Diploma

Humber College, Toronto, Ontario

May 2023 – December 2024

CGPA: 90.3

### Bachelor's Degree

Punjab University, India

August 2019 – July 2022

CGPA: 93

## CERTIFICATIONS

- Data Structures and Algorithm Master Course, CodeHelp
- Low Level System Design, CodeHelp
- React Native – The Practical Guide, Udemy