# PARMEET SINGH BANGA

## SOFTWARE DEVELOPER

## CONTACT

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## PROFILE SUMMARY

Full Stack Developer with 3+ years of experience in designing, developing, and maintaining web applications using JavaScript, React, and Node.js. Skilled in SQL database design, Python, HTML5, CSS, Django, and Flask. Proficient in troubleshooting, debugging, and creating user-friendly interfaces. Experienced in collaborating with cross-functional teams, gathering requirements, and delivering client-focused solutions.

## EDUCATION

**2023 - 2024**
- PGD- Information Technology Business Analysis

**2017 - 2020**
- Bachelor of Engineering - Computer Engineering

## SKILLS

- **Programming Languages:** JavaScript, Python, HTML5, CSS
- **Frameworks:** React, Node.js, Django, Flask, Bootstrap, jQuery
- **Databases:** MS SQL, MongoDB, Firebase, T-SQL, PostgreSQL, SQL
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, PyODBC
- **Tools & Technologies**: Git, AWS, Express, Selenium
- **Business Tools:** Advanced Excel, Adobe Photoshop, Adobe XD
- **Management**: Stakeholder Management, A/B Testing, Automation of Reports and Dashboards, Business Insights

## WORK EXPERIENCE

**PartSource (Canadian Tire Corporation)** — 2024 - PRESENT (FREELANCE ALONGSIDE DEVELOPMENT PROJECTS)

Customer Service Representative

- Delivered excellent customer support, helping clients troubleshoot issues and providing tailored product recommendations, strengthening communication and problem-solving skills.
- Collaborated with teams to resolve customer concerns efficiently, enhancing customer satisfaction and retention rates.
- Gained valuable experience interacting with diverse clients, building rapport, and maintaining professionalism in a fast-paced environment.

**Damacloid Technologies** — 2021 - 2022

Software Engineer

- Built and delivered a full-stack MERN application, collaborating across teams and applying agile methodologies to reduce project timelines by 30%.
- Led business improvement initiatives from ideation to A/B testing, boosting traffic quality and revenue per click.
- Developed a management dashboard for user tracking, handling terabytes of data and complex business logic.
- Created custom metrics for in-house analytics, enhancing business flow analysis.
- Conducted client meetings to gather feedback, leading to a 25% increase in user retention.
- Demonstrated strong SQL expertise, managing complex database structures for efficient data retrieval.

# PROJECTS

### PASSWORD MANAGER APP

**Overview:**
- Developed a secure password manager application using React Native for the frontend and Node.js for the backend.

**Details:**
- Utilized Firebase for real-time data storage and retrieval.
- Implemented 256-bit encryption for all stored passwords.
- Ensured a smooth user experience across mobile platforms.

### GET IT DONE (REACT NATIVE)

**Overview:**
- Created a productivity app to help users manage their assignments and tasks.

**Details:**
- Developed using React Native for cross-platform compatibility.
- Implemented features for creating, tracking, and organizing tasks.
- Integrated reminders and notifications for better task management.

### TAMBOLA NUMBER CALLER (BINGO/HOUSIE)

**Overview:**
- Designed a digital tambola number calling application.

**Details:**
- Achieved over 500k downloads.
- Implemented a random number generation algorithm.
- Used Firebase for real-time updates and synchronization.

### WEATHER APP (REACT JS)

**Overview:**
- **Developed a weather application to provide real-time weather information.**

**Details:**
- Built using React JS for a responsive user interface.
- Integrated a weather API to fetch real-time data.
- Displayed detailed weather information including temperature, humidity, and wind speed.

## Sankey Solutions                                    2020 - 2021

Software Trainee

- Developed applications using the MERN stack, leveraging React Native for mobile development and Node.js for backend implementation.
- Integrated various APIs and third-party tools to optimize application functionality, resulting in a 30% improvement in user experience metrics.
- Deployed applications on cloud platforms such as AWS and Heroku, ensuring scalability and reliability while implementing cost-saving measures that reduced server costs by 10%.
- Developed unit tests and engaged in debugging activities, resulting in a 40% decrease in bug reports and a 20% improvement in overall application reliability.

## 3 Minds Digital                                      2020 - 2020

Web Developer Intern

- Contributed to React-based projects, focusing on frontend development.
- Enhanced user interfaces using HTML, CSS, and JavaScript.
- Collaborated with the team on feature implementation and troubleshooting.
- Assisted in client meetings to understand project requirements, providing technical support and ensuring project alignment with client expectations.

# ACHIEVEMENTS

- Web Master - Detroix 2018
- KrashCode 2019 - K.C College
- Paper on Augmented Reality Glass @ K.C.College of Engineering
- Enthusiast Programmer / Member @ K.C.College of Engineerin