KHUSHI AGRAWAL

📞 +91 6376693199 ✉ khushiagrawal637669@gmail.com in linkedin.com/in/khushi agrawal ⬡ github.com/kusi1108

Technical Skills

Languages: Java, Kotlin, HTML, CSS, JavaScript
Java Libraries: Swing, HTTP Libraries
Technologies/Frameworks: Collection, Docker, Bootstrap, Nagios, Splunk, Accops
Developer Tools: VS Code, Android Studio, Google Developer Platform, Intellij IDEA
Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems

Projects

On Road Vehicle BreakDown Asssitance | *Java, XML, Firebase, Android Studio*   **July, 2023**
- Developed a scalable and user-centric mobile app using **XML** and **Java** for intuitive interface and backend development.
- Designed a database management system housing **1,500+** mechanic profiles, enabling direct customer communication.
- Optimized data storage with Firebase's NoSQL cloud database, improving latency, scalability, and reducing server costs.

News App | *Java, XML, Retrofit, REST API, Android Studio*   **May, 2024**
- Led development of a high-performance Android News app using **Retrofit** and **REST API** for seamless user experience.
- Optimized data retrieval and parsing with Retrofit's HTTP client for fast, reliable, and efficient communication.
- Designed a modular, scalable, and maintainable **Android architecture** for visually appealing news presentation.

Flappy Bird Game | *Java, Swing(JFrame, JPanel), KeyListener, ImageIO, VS Code*   **October, 2024**
- Developed a Flappy Bird game using **Swing**, applying **OOP** principles for an interactive **GUI** with real-time rendering.
- Created procedural generation algorithms for flexible pipe placement and integrated collision detection systems.
- Implemented bird movement with gravity simulation, managing game states for scorekeeping, game-over conditions, and restarts.

Internships

AU Shine Internship   **Jan 2024 – July 2024**
Graduate Engineer Trainee   *Jaipur, Rajasthan*
- Enhanced operational efficiency by executing regular maintenance and timely updates; reduced system-related **incidents by 40%** and ensured **99.9% availability** of Windows servers
- Issued and managed over **50 SSL certificates**, ensuring data encryption and enhancing system security; achieved a **99.9% uptime** and fortified the company's defenses against potential cyber threats.
- Providing user support and training to empower effective use of Windows tools.

Persistent Martian Summer Internship   **June 2023 – July 2023**
Training Internship   *Jaipur, Rajasthan*
- Acquired advanced knowledge in **Data Structure**, **DBMS**, **Operating System**, and **Java** through comprehensive coursework.
- Transformed into a results-driven professional in software development and systems architecture through enhanced technical proficiency.

Education

JECRC University   **Expected 2024**
Bachelor of Technology in Computer Science (CGPA:8.5/10.0)   *Jaipur, Rajasthan*
Vikas Bal Vidhya Peeth   **2019-2020**
RBSE XII (Percentage: 85.6%)   *Deeg, Rajasthan*
Vikas Bal Vidhya Peeth   **2017-2018**
RBSE X (Percentage: 93.83%)   *Deeg, Rajasthan*

Extracurricular/ Academics

- Analysis of 200+ Data Structures and Algorithms questions across various platforms.
- Persistent Martian Summer Internship 2023.
- Selected for the second qualifier round of the Flipkart Grid 2023.