

Harshita Shreya

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Computer Skills

Language : Java, C, Kotlin, Dart, SQL, Python, JavaScript
Framework : Flutter, Android Jetpack, Node.js, TensorFlow.js
Database : Firebase, Retrofit, MongoDB
Operating System : Windows, Linux, Ubuntu

Platform : VS-Code, Android Studio, IntelliJ
Tools : Git/GitHub, Postman, OWASP ZAP, Burp Suite, JWT, Helmet.js, Nmap, NumPy, Pandas, Scikit-learn, Jira, BitBucket, PowerBI

Experience

MBITS Innovations Private Limited

March 2024 – June 2024

Android Developer Intern

- Conducted over 50 code reviews, improving code quality and maintainability by 30% through actionable feedback and optimization suggestions.
- Resolved over 20 critical software defects using systematic debugging, improving application stability by 25%.
- Delivered two new features within tight deadlines, aligning with Agile sprint cycles.
- Gained practical experience in agile development processes, participated in sprint planning, daily stand-ups, and adapted to changing project needs and priorities.

Volunteer Experience

GDG on Campus, KIIT

April 2023 – Present

Android Developer

- Created Android applications using Kotlin, implementing clean and maintainable code while adhering to industry standards and meeting project objectives.
- Conducted thorough code reviews, providing constructive feedback to enhance coding standards and overall code quality.
- Collaborated in designing and implementing new features from concept to deployment, while actively participating in team discussions to align on project goals and timelines.
- Assisted in organizing three technical workshops, increasing student participation by 40%.

Konnexions

March 2023 – Present

Android Developer

- Built cross-platform mobile applications using Flutter, ensuring seamless user experiences on both iOS and Android.
- Led project planning, defined feature specifications, and managed the development lifecycle to align with client needs and industry standards.
- Mentored five junior developers, reducing onboarding time by 30% and improving feature delivery rates by 15%.

Projects

Maa – Personal Safety and Emergency Response App

January - Present

- Engineered a safety app using Kotlin, integrating **real-time location sharing** and **cybersecurity features** for user protection.
- Implemented **Panic Mode**, enabling automatic location sharing, live audio/video streaming, and stealth operation to protect users during emergencies.
- Designed the **Digital Guardian** feature to detect compromised Wi-Fi, phishing attempts, and unauthorized tracking via Bluetooth/GPS.
- Integrated **AI-Driven Safety Scores** to provide location-based safety insights, leveraging crime rates and environmental data.
- Developed **Nearby Users Alerts**, notifying users nearby to assist someone in danger if trusted contacts are unavailable.
- Delivered automated safety response features, including SOS alerts and check-ins, increasing user safety engagement by 30%, and notifying authorities when in unsafe situations.
- Focused on user-friendly UI design with a discreet interface for emergency activation and response.

Education

Kalinga Institute of Industrial Technology

2022-2026

Bachelor of Technology in Computer Science Engineering

Bhubaneswar, Odisha

Relevant Coursework: Data Structures in C, Operating Systems (Linux), Object Oriented Programming in Java, DBMS, Computer Networks, Data Analytics.

Certification

DIAT certified Information Assurance Professional

February-2024

Defense Institute of Advanced Technology (DIAT), DU, DRDO

- Proficient in basic cybersecurity concepts, including foundational principles and practices.
- Expertise in identifying, analyzing, and mitigating vulnerabilities across various platforms including Windows, Linux, and Android.
- Competence in penetration testing techniques, cryptographic methods, and secure system programming.