Priyal Sunil Shinkar

Navi Mumbai, Maharashtra, India

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Experience

CrossAsyst Infotech Private Limited– Java Intern (Cover Letter)

Navi Mumbai (Remote): June 23 – July 23
- Collaborated on database design and development using MySQL, creating, and managing tables with one-to-one and one-to-many relationships to optimize data storage and retrieval and increased data handling efficiency by 10%.
- Implemented Object-Oriented Programming (OOP) concepts, such as abstraction, inheritance, and interfaces, to create modular and reusable code structures in Java reduced code lines by 15%.
- Managed dependencies and build processes in Java projects using Maven, streamlining development workflows.
- Enhanced application logging using Log4j 2, setting up logging levels (INFO, DEBUG) to monitor and troubleshoot software performance effectively.

Projects

Shadow Connect – Android based project **(Under Development)**

Tools: Java, XML, Firebase [Authentication, Realtime Database (NoSQL)], Encryption Algorithm, Material Design 3

Summary: A messaging application providing user side encryption for messages requiring user authentication for converting it in normal readable format with option to send normal messages as well.

Responsibilities:
- Develop the frontend & backend entirely with XML & Java, operate efficiently with Firebase Realtime Database.
- Implemented user authentication & verification using Firebase authentication, ensuring secure access.
- Utilized Encryption Technique / Algorithm for user-side encryption and allow sending normal messages.

AirSwipe – Desktop Application Development

Tools: Python, MediaPipe, OpenCV, Anaconda, PyAutoGui (Home Screen), Visual Studio Code.

Summary: A touchless interaction system enabling control of laptop mouse functions via hand gestures and tip detection using a webcam, ideal for presentations or as an alternative to a malfunctioning touchpad with better performance than existing systems by 40%.

Responsibilities:
- Developed hand gesture recognition system using 2+ technologies implemented like OpenCV, MediaPipe, enabling hands-free control of computercursor functionalities such as drag-and-drop, scrolling, and clicking.
- Integrated gesture-based input control with Python and Anaconda environment reducing code lines by 20%, streamlining the interaction for usersthrough real-time hand tracking.
- Designed and implemented testing modules to verify gesture accuracy and responsiveness across diverse environments, ensuring seamless user experience.
- Collaborated in designing a user-friendly interface to allow gesture customization and improve accessibility for presentations and gaming applications.

Website Projects – Web development-based projects

Tools: HTML, CSS, Vercel, GitHub, Vs Code

Summary: Developed a Website for my Portfolio.

Responsibilities:
- Displayed all my projects and experience and made the website responsive.
- Hosted the website on Vercel using GitHub.

SKILLS

Technologies: Java, XML, HTML, CSS, Tailwind, JavaScript, SQL, C, C++, AWT & Swing, Android, Web, Object Oriented Programming (OOP), Data Structures & Algorithm (DSA), Python

Tools: Android Studio, Eclipse, Firebase, Git, GitHub, VS Code, Vercel**,** MySQL, Gemini, ChatGPT, Cursor AI, Claude AI, Figma, Canva.

Soft Skills: Communication, Attention to detail, Patience, Collaboration, , Quick Learner

Spoken Languages: English, Hindi, Marathi

EDUCATION

Datta Meghe College of Engineering, Airoli, Maharashtra, India	Vidyalankar Polytechnic Mumbai, Maharashtra, India	Bharati Vidyapeeth School, CBD Belapur, Maharashtra, India
B.E. in Artificial Intelligence & Data Science – Second Year (Pursuing) *Expected Graduation, August 2027*	*Diploma in Information Technology (IT) – 88.81%* *September 2021 - June 2024*	*Secondary School Certification (CBSE) – 86.80%* *September 2019 - June 2021*

Personal Information

Hobbies: Listening Music, Reading Books and Webtoons, Watching Sitcoms.

Profile Links: LinkedIn: priyal-shinkar23 | GitHub: PriyalShinkar | LeetCode : priyal2305