

Akshay Shukla

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EDUCATION

Galgotias University <i>B.Tech in Computer Science and Engineering (4th Year)</i>	2022 – Present CGPA: 8.82
CBSE Board (Class XII) <i>Senior Secondary</i>	2021 87.80%
CBSE Board (Class X) <i>Secondary</i>	2019 94.67%

WORK EXPERIENCE

Accenture <i>Custom Software Engineering Associate (Intern)</i>	Mar. 2026 – Present Bengaluru, Karnataka
<ul style="list-style-type: none">– Developing and maintaining scalable web applications using the MEAN stack (MongoDB, Express.js, Angular, Node.js), ensuring high-performance client-side and server-side logic.– Architecting RESTful APIs and integrating them with NoSQL databases to facilitate seamless data flow and real-time updates.– Implementing modular, reusable UI components in Angular to improve code maintainability and streamline the development lifecycle across project iterations.	
Infosys <i>iOS Developer Intern (Project-based)</i>	Mar. 2025 – Apr. 2025 Mysuru, Karnataka
<ul style="list-style-type: none">– Engineered and deployed a modular iOS application within a 10-member Agile Scrum environment, delivering 3 production-ready features across 4 sprint cycles.– Architected backend data structures using Supabase and PostgreSQL, implementing secure schemas and real-time synchronization that maintained 99.9% service availability.– Collaborated on cross-functional teams via Jira, ensuring strict adherence to Agile best practices and on-time delivery.	

PROJECTS

Vault – Password Manager GitHub Live Demo <i>Next.js, Prisma, Redis</i>	Jan. 2026
<ul style="list-style-type: none">– Developed a zero-knowledge, end-to-end encrypted web architecture to ensure sensitive user credentials remain inaccessible in plaintext.– Hardened system security by implementing AES-256-GCM encryption and scrypt key derivation, significantly increasing resistance to brute-force and GPU-based attacks.– Optimized backend performance using Next.js, Prisma ORM, and Redis, resulting in a 30% reduction in authentication and vault access latency.	
Interrixon – Real-time Polling GitHub <i>React, Node.js, Socket.io</i>	Nov. 2025
<ul style="list-style-type: none">– Built a scalable real-time polling platform featuring secure code-based access and dynamic live result visualization for audience engagement.– Implemented a high-performance backend using Node.js and Socket.io to facilitate low-latency, bi-directional communication and instant vote synchronization.– Designed a responsive frontend with React (Vite) and Tailwind CSS, integrated with MongoDB for efficient management of user and poll data.	
Virtual Mouse – Computer Vision GitHub <i>Python, OpenCV</i>	May. 2024
<ul style="list-style-type: none">– Engineered a touch-free gesture recognition system using MediaPipe, achieving >90% accuracy in finger-tracking for mouse control.– Programmed support for 5+ complex gestures including clicking and scrolling using PyAutoGUI.	

TECHNICAL SKILLS

Languages: Java, C++, Python, Swift, JavaScript (ES6+), SQL, HTML/CSS
Frameworks & Web: Angular (MEAN), React, Next.js, Node.js, Express.js, Socket.io, Tailwind CSS
Mobile: SwiftUI, UIKit, CoreData
Databases & Tools: MongoDB, PostgreSQL, Redis, Supabase, Git, Jira, LaTeX
Core Concepts: Data Structures (DSA), Agile Methodologies, Zero-Knowledge Proofs, REST APIs

ACHIEVEMENTS

iOS Student Developer Program <i>Top 3% Selectivity (100/3,000+ applicants)</i>	Sep. 2024
<ul style="list-style-type: none">– Selected for an intensive program focused on advanced iOS development and Apple's Design Thinking principles.	