

# Dhanush Vardhan

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## Summary

Results-driven **Software Engineer** specializing in **scalable systems**, **full-stack development**, and **high-performance mobile applications**. Proficient in **Java**, **Python**, **C++**, **Kotlin**, and frameworks such as **Jetpack Compose**, **React Native**, and **Node.js**. Experienced in **cloud-ready architectures** (Google Cloud Platform), **distributed systems**, and **user-centered design**. Recognized **hackathon winner** (CalHacks, HackPrinceton) delivering impact in both **startup** and **enterprise** environments.

## Work Experience

### Software Engineering Intern — Cloudflare

Austin, TX — May 2024 – Aug 2024

- Engineered cross-platform features for production **Android** and desktop clients using **Kotlin Multiplatform**, **Jetpack Compose**, and **Rust**, supporting 100k+ monthly active users. [Distributed Systems](#)
- Optimized **data pipelines** and startup performance by **20%** via **memory management** and **asynchronous programming**.
- Implemented **unit and integration testing** to enhance release stability and reduce regressions.
- Collaborated with **cross-functional teams** to refine scalable **application architecture** and improve **user experience**.

### Software Engineering Intern — Brevity (<https://usekonsole.com>)

Gilbert, AZ — Jan 2025 – Present

- Architected [useKonsole.com](https://usekonsole.com), a **no-code AI platform** that generates complete websites from natural language prompts, enabling users to deploy production-ready sites without writing code.
- Developed **real-time code generation** system that transforms prompts into **React/Next.js** components with **Tailwind CSS**, reducing development time from weeks to minutes.
- Engineered **AI prompt processing pipeline** using **LLM integration** to automatically generate responsive layouts, component libraries, and styling from user descriptions.
- Implemented **intelligent content management** and **live preview** features, allowing instant visual feedback and iterative refinement through conversational AI.
- Built scalable deployment pipeline with **automated hosting** and **CDN integration**, achieving sub-2-minute time-to-live for generated websites.

## Education

### B.S. Computer Science (Software Engineering) — Arizona State University

Tempe, AZ —

Expected May 2027

- GPA: 3.68 — Honors: Winner — CalHacks, HackPrinceton, TeenHacks LI

## Skills

- Languages:** Java, Python, C++, Kotlin, TypeScript, Swift, Rust, SQL
- Frameworks:** Jetpack Compose, Android SDK, Kotlin Multiplatform, React Native, SwiftUI, Flask, FastAPI, Node.js, gRPC
- Databases:** MySQL, PostgreSQL, MongoDB, Firebase
- DevOps & Tools:** Git, Docker, Kubernetes, CI/CD, Google Cloud Platform, Jira, Agile/Scrum

- **Specialties:** Algorithms, Data Structures, Distributed Systems, Mobile UX, Performance Optimization, System Design

## Projects

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### Shopwise — Price Tracker ([shopwise.tech](https://shopwise.tech))

- Surpassed **1,000+** installs on Google Play; built with **Kotlin Multiplatform** and **Jetpack Compose**.
- Developed **real-time alerts pipeline** with coroutines, flows, and material design principles.
- Prioritized accessibility and seamless **multi-device UX**.

### MedicOn — Doctor-on-Demand App

- Implemented **secure socket connections** and **Firebase Authentication** for live consultations.
- Designed intuitive interfaces for scheduling, video calls, and real-time notifications.

### Flow — Heart Disease Detector

- Built mobile diagnostic app with **Jetpack Compose**, local storage, and Bluetooth connectivity.
- Achieved **98.79%** detection accuracy using proprietary **ML model** integrated with robust backend APIs.

## Leadership

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### Founder — DevLabs ([devlabs.club](https://devlabs.club))

- Founded a **350+ member** tech and entrepreneurial community hosting hackathons, founder programs, and hacker houses.
- Secured **\$50k** in funding, becoming Arizona's largest student-led tech community.

### Google Developer Groups — Keynote Speaker

- Presented **Android development methodologies** and **scaling native apps** to **100+** attendees at Google I/O Extended.