

# VEDANT VALSANGKAR

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## Experience

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### Amazon

Jun 2025 – Present

*Software Development Engineer*

*Pune, Maharashtra*

- Led end-to-end development of Visual ID Transfer, a cross-device onboarding feature spanning 6+ microservices (Java/Kotlin), enabling consent workflows, child profile support, and offline device handling for Alexa voice and face enrollment across Echo devices used by millions of customers.
- Drove a multi-phase architectural refactor of the Alexa iOS communication layer (Swift), decoupling legacy SDK dependencies into a modular, protocol-oriented system, improving maintainability and accelerating feature velocity across voice services.
- Delivered production features across backend and mobile stacks, contributing to 8+ codebases (Java services, iOS modules, React Native bridges), demonstrating strong cross-platform ownership in a large-scale distributed system.

### Barclays

Jul 2023 – May 2025

*Software Engineer*

*Pune, Maharashtra*

- Led development and deployment of 15+ production features for Oracle Watchlist Screening, a critical compliance system serving 48M+ customers, improving reliability and effectiveness of financial crime detection workflows.
- Automated build generation and deployment processes, achieving a 50% reduction in deployment errors and improving release efficiency and system stability.
- Drove platform enhancements including Autosys job orchestration, REST API migration, and integration of machine learning models into screening workflows, improving scalability and detection effectiveness.

### Cakesoft Technologies Pvt Ltd.

Jan 2023 – Jun 2023

*Software Developer Intern*

*Pune, Maharashtra*

- Designed and developed key components of a sales automation platform using MongoDB, React, Express, and Node.js.
- Built API integrations for LinkedIn and Crunchbase to enable automated data extraction and enrichment.

## Education

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### Vishwakarma Institute of Technology, Pune

Aug 2019 – May 2023

*Bachelor of Computer Engineering - 9.07/10*

*Pune, Maharashtra*

## Projects

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### Coding Classroom

Jan 2021 – Present

*Flask, Python, SQL, Render, Piston-API*

- Built an online coding assignment platform with 3K+ users, enabling teachers to create, distribute, and auto-grade programming assignments with real-time feedback.
- Designed backend systems for secure, sandboxed code execution supporting multiple languages (C, C++, Python, JS), handling concurrent submissions with isolation and reliability.

## Technical Skills

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**Languages:** C++, Java, Python, JavaScript, TypeScript, SQL

**Backend:** Microservices architecture, Asynchronous processing, APIs, Data modeling

**Frontend:** React, React Native, iOS (Swift)

**Databases:** MongoDB, MySQL, PostgreSQL

**System Design:** Design patterns, Scalability, Load balancing, Fault tolerance, System trade-offs

**Dev Tools:** Docker, Jenkins, Git, CI/CD, Linux, LLM-based developer tools (Kiro, Copilot)

**Core CS:** Data Structures, Algorithms, Operating Systems, DBMS, Networking

## Achievements

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- CodeChef (5 Star)    Codeforces (Specialist)    LeetCode (Knight, Top 2%)
- Global Rank 51 & 76 — Credit Suisse Global Coding Challenge
- Global Rank 649 — Google Kickstart (110K+ participants)
- Published article on GeeksforGeeks