# ADESH BHONGALE

Kolhapur, Maharashtra

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## EDUCATION

**KIT's College of Engineering, Kolhapur**  **2021 – 2025**
*B.Tech. in Computer Science and Engineering — GPA: 8.2*  *Kolhapur, India*

**Shri Balaji Junior College, Ichalkaranji**  **March 2021**
*HSC — Percentage: 92.33%*  *Ichalkaranji, India*

**Kabnoor High School, Ichalkaranji**  **March 2019**
*SSC — Percentage: 90.40%*  *Ichalkaranji, India*

## EXPERIENCE

**Univolute Tech Global**  **Sept 2025 – Present**
*Role -***Software Engineer Intern***  *Kolhapur, Maharashtra*

- Engineered full-stack applications using **Next.js, Payload CMS, Firebase & GCP** to deliver fast, scalable, and maintainable product features.
- Architected modular APIs and optimized database queries, reducing operational **costs by 50%** and decreasing database **query time by 150ms**, leading to cost savings.
- Enhanced UI/UX flows using **reusable components**, responsive layouts and **state-optimized** rendering patterns to increase user experience by **20%**.

**YDcoders IT Solution**  **Jan 2025 – May 2025**
*Role - **MERN Stack Developer Intern***  *Sangli, Maharashtra*

- Developed and deployed high-quality, scalable **MERN stack web applications** with efficient workflow.
- Designed **RESTful APIs**, improving data retrieval **speed by 30%** for real-time applications & best performance.
- Collaborated with frontend teams on modern **UI/UX interactions**, significantly increasing user **engagement by 20%**.

## PROJECTS

**Research Lab** | Next.js, Payload CMS, PostgreSQL, TypeScript, Tailwind, Framer Motion  **Feb 2026**

- Built full-stack research applications using **Next.js (SSR), Payload CMS,** and **PostgreSQL** to deliver a **structured, scalable, and real-time** platform for publications.
- Improved project **performance** through **multi-role access** control, **indexed database** queries, and improved backend architecture to **reduce cost by 50%**.
- Enhanced collaboration using **automated fetching** and **efficient UI** to increase engagement by **20%.**

**E-commerce Platform** | Next.js, Firebase, Razorpay, TypeScript, Tailwind, PWA, GCP  **Jan 2026**

- Built a fully dynamic, **product-agnostic E-commerce** platform using the **Next.js App Router** with SSG & ISR **for fast, auto-refreshing** product pages.
- Created real-time **Admin Dashboard** for **inventory, analytics & coupon** management using **Firebase.**
- Integrated **Razorpay** with secure **server-side** verification, enabling smooth **checkout, auto order** tracking.

## TECHNICAL SKILLS

**Languages & Tools:** HTML5, CSS3, JavaScript, TypeScript, Java, SQL, VS Code, Postman, Vercel.

**Technologies:** Next.js, Payload CMS, Firebase, PostgreSQL, React, MongoDB, Node, Express, AWS, GCP.

## CERTIFICATIONS

- FullStack Open - University of Helsinki, Finland.
- Cloud Computing - NPTEL Course, 80%
- Java and RDBMS - Spoken Tutorial, IIT Bombay
- AWS Cloud Practitioner - AWS Skill Builder