

# Omkar Mahesh Kulkarni

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Pune, India

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## PROFESSIONAL SUMMARY

Full-stack developer focused on building reliable, scalable systems using Next.js, MERN stack, and FastAPI. Experienced in developing automation-driven applications, backend workflows, and production-ready deployments. Strong emphasis on clean architecture, maintainability, and solving real-world problems under practical constraints.

## KEY PROJECTS

### TestForge — MSBTE Exam Platform

Nov 2024 – Apr 2025

[testforge.software](https://testforge.software)

- Automated examination workflows for MSBTE centers including timetable fetching, resource uploads, and session scheduling
- Reduced setup time by 90% and saved 72+ hours per semester through automated report generation
- Enabled single-admin management of multiple exam workflows using Next.js, FastAPI, MySQL, and Docker

### BLÜDHAVEN — Project Management System

Nov 2025 – Dec 2025

[bludhaven.vercel.app](https://bludhaven.vercel.app)

- Built a minimalist SaaS dashboard for developers to manage projects, payments, and daily operations
- Developed using Next.js, Supabase, and TypeScript with a distraction-free, productivity-focused UI
- Implemented real-time updates using Supabase subscriptions for live data synchronization

### HireSphere — AI Career Roadmap

Mar 2025

[hiresphere2.vercel.app](https://hiresphere2.vercel.app)

- Developed an AI-driven career roadmap platform with role-based access (Student, Admin, Alumni)
- Integrated Gemini API for personalized career recommendations
- Built using Next.js, MySQL, and Vercel

## PROFESSIONAL EXPERIENCE

### Freelance Developer

Acharya Technologies, Kolhapur

2024 – Present

- Delivered web solutions and academic tools for educational institutes and small businesses
- Completed 8+ client projects including dashboards, CMS platforms, and AI-powered applications
- Focused on improving operational efficiency, system reliability, and user experience

## AWARDS & ACHIEVEMENTS

- Winner — **RIT Hackathon 2025**
- Secured top positions in 30+ inter-college technical and non-technical events across 15+ institutes

## EDUCATION

### B.Tech in Computer Engineering

MMCOE, Pune

2025 – Present

### Diploma in Computer Engineering

RIT, Islampur

2022 – 2025

Graduated with **90.17%**

## TECHNICAL SKILLS

- Frontend:** Next.js, React, TypeScript, HTML/CSS
- Backend:** FastAPI, Node.js, Python
- Databases:** MySQL, PostgreSQL, Supabase
- Tools:** Docker, Vercel, Git, REST APIs