

# Amit Divekar

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## EDUCATION

### Savitribai Phule Pune University

Bachelor of Science in Computer Science

Pune, Maharashtra

July 2023 – May 2027

## TECHNICAL SKILLS

**Languages:** Python, TypeScript, JavaScript, SQL

**Frontend:** Next.js, React, Tailwind CSS, HTML, CSS

**Backend & DevOps:** Docker, CI/CD Pipelines, Cloud Infrastructure, Git, OAuth Authentication

**AI & Data:** Google Gemini API, LangChain, Multi-Agent Systems, PyPDF, Matplotlib, Pydantic

**Networking:** IP Addressing, Subnetting, TCP/IP Protocol Suite

**Databases & Tools:** PostgreSQL, REST APIs, Agent Orchestration, Structured Logging

## EXPERIENCE

### Founder – Personal Tech Initiative

May 2021 – November 2025

Mumbai, Maharashtra

*IG Group*

- Built 10+ full-stack web applications using Next.js, TypeScript, and Tailwind CSS
- Implemented OAuth 2.0 authentication flows including Google Login integration
- Containerized applications using Docker and designed CI/CD pipelines for automated deployment

### Internship Trainee

September 2024 – December 2024

Remote, India

*Accenture in India*

- Completed technical training across cloud computing, software consulting, and enterprise development
- Gained exposure to real-world IT workflows and industry-standard development practices

### Student Intern

April 2024 – July 2024

Remote

*Scaler*

- Completed structured curriculum focused on computer science fundamentals and algorithms

## PROJECTS

### Professor Profiler v1.1.0 | Python, Google Gemini API, Multi-Agent Systems, PyPDF

July 2025 – Nov 2025

- Engineered hierarchical multi-agent system using Google Gemini to reverse-engineer exam patterns and generate optimized study strategies through statistical analysis
- Implemented DAG-based agent orchestration with three specialized agents for topic classification, pattern analysis, and actionable recommendations
- Built trend analysis engine identifying topic frequency spikes, difficulty shifts, and multi-year deviations using machine learning techniques

### EatInformed | Next.js, TypeScript, Google Gemini API, Tailwind CSS

May 2025 – Oct 2025

- Developed AI-powered web app for real-time food label analysis providing instant nutritional facts and health risk assessments
- Integrated Google Gemini Vision API for OCR and natural language processing of food packaging labels
- Implemented serverless architecture for scalable image processing, reducing infrastructure costs

## CERTIFICATIONS

**IP Addressing and Subnetting** – GeeksforGeeks | **Developer and Technology** – Accenture UK | **Google Cloud Security** – Google