

# ATHARV KHAWALE

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## PROFESSIONAL SUMMARY

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Solutions-focused Full Stack / Backend Engineer with strong experience in **Python, SQL, Django, REST APIs, and web technologies**. Proven ability to **gather requirements, design scalable technical solutions, and troubleshoot production systems** used by real users. Experienced in collaborating with **technical and non-technical stakeholders**, owning solutions from **development to deployment**, and delivering **data-driven, reusable systems**. Strong foundation in **problem-solving, OOP, and backend architecture**.

## EDUCATION

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**Bachelor of Engineering – AI & Data Science** | P. R. Pote Patil College Of Engineering And Management, Amravati (2022–2026)

Percentage: **71.40% (Till 6th Semester)**

**Higher Secondary (12th)** | P. R. Pote Patil Kanishta Mahavidyalaya (2021-2022)

Percentage: **67.33%**

**Secondary School (10th)** | Golden Kids English High School (2019-2020)

Percentage: **87.60%**

## TECHNICAL SKILLS

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**Frontend Technologies:** HTML, CSS, JavaScript

**Backend Technologies:** Python, Django, Django REST Framework, REST APIs, JSON, HTTP, Web Services

**Databases:** MySQL, SQLite, MongoDB

**Core Concepts:** Object-Oriented Programming (OOPS), MVT Architecture, Debugging & Problem Solving, SDLC, Troubleshooting, Scalable Systems, API Architecture

**Tools:** Git, GitHub, Postman (API Testing), VS Code, Cloud Deployment (Azure, Render)

## INTERNSHIP EXPERIENCE

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### Full Stack Developer Intern

**Collector Office, Amravati & MSKVIB (UdyogSetu Project)**

*May 2025 – July 2025*

- Gathered **business and technical requirements** from government stakeholders
- Designed and developed **scalable backend solutions and REST APIs** using Django
- Supported a production portal used by **1,200+ users**
- Implemented **SQL-based data models**, validations, and backend automation
- Owned **end-to-end solution lifecycle** from development to deployment
- Performed **troubleshooting and optimization**, reducing system errors by **40%**
- Collaborated with **technical and non-technical teams** to deliver reusable solutions

## Python Backend Developer Intern

Soham Global Pvt. Ltd.

Feb 2024 – Mar 2024

- Built and maintained **backend services and RESTful APIs** using Python & Django
- Optimized backend logic, reducing **API latency by 25%**
- Used **Git/GitHub** in a collaborative development workflow
- Performed backend debugging and production issue resolution
- Strengthened understanding of **maintainable and scalable backend systems**

## PROJECTS

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### KrishiMitra – AI Leaf Disease Detection System

Link: <https://krishimitra-hfgshsd9h2ecd8he.centralindia-01.azurewebsites.net/>

- Designed and delivered a **scalable, cloud-deployed web solution**
- Integrated **AI models with REST APIs** for real-time image analysis
- Deployed on **Microsoft Azure** ensuring reliability and scalability

### Student Performance Prediction & Management System

Link: <https://student-performance-1-9cd4.onrender.com/>

- Developed a **data-driven analytics solution** using Django, SQL, and REST APIs
- Built dashboards enabling **data-driven academic decision-making**
- Reduced manual analysis effort by **50%** through automation

### UdyogSetu – Government Entrepreneurship Portal

Link: <https://mahapower.onrender.com/>

- Designed a **CMS-style scalable web platform**
- Developed reusable backend services and automation workflows
- Achieved **98% uptime** through optimized backend architecture

## ACHIEVEMENTS

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- **Research Paper (2026):**

**KrishiMitra – Development of a Hybrid Deep-Learning Algorithm for Detection of Diseases in Leaves of Trees**

*Journal of Artificial Neural Networks and Learning System (JoANNLS), Vol. 3, Issue 1, 2026*

**Paper Link:** <https://matjournals.net/engineering/index.php/JoANNLS/article/view/3041>

- **Qualified for TCS CodeVita Season 13 - Round 2**
- **3rd Prize: Hackathon 2025 (₹11,000) | Top 3 of 250+ teams.**
- **Coding Club Mentor (2025-26):** Conducted National Level Hackathon
- **Best Portfolio Award (2024):** Won 6-month LinkedIn Premium for best student portfolio on campus.