

# Pinak Dange

📍 Pune, Maharashtra 📞 8767130467 ✉ pinakdange1621@gmail.com 🌐 GitHub 🌐 LinkedIn 🌐 Portfolio

## Education

<b>Savitribai Phule Pune University, Pune</b> Bachelor of Engineering in Computer Engineering	<b>CGPA: 8.12</b> (2021 – June 2025)
<b>S.E.S. Jr. College of Arts &amp; Sciences, Solapur, Maharashtra</b> HSC Science (PCM)	<b>Percentage: 89.17</b> (2019 – 2021)
<b>Suyash Vidyalaya, Solapur, Maharashtra</b> SSC Schooling	<b>Percentage: 97.00</b> (2018 – 2019)

## Technical Skills

- **Languages:** Python (Expert), Java (Intermediate), C++ (Intermediate), SQL (Intermediate)
- **Web Development:**  
Frontend: HTML, CSS, JavaScript (React.js, Vue.js, Express.js, Node.js)  
Backend: Flask, Django, Spring Boot
- **Computer Vision:** OpenCV, TensorFlow, PyTorch
- **Version Control & Collaboration:** Git, GitHub, Postman
- **Cloud Platforms (Basic):** AWS, Azure
- **Databases:** MySQL (Intermediate), MongoDB
- **DevOps & Deployment Tools:** Docker, Vercel, Kubernetes, Agile
- **Operating Systems:** Windows (Expert), Linux (Intermediate)

## Projects

### **AGROTECH: A Smart Agricultural System Using IoT and ML** | *IoT, Machine Learning, Smart Irrigation, Plant Disease Detection*

- Developed an IoT-based smart agricultural system for real-time crop monitoring and automated irrigation.
- Implemented ML algorithms for early plant disease detection and environmental condition monitoring.
- Designed a data-driven irrigation system optimizing water usage based on soil moisture and weather conditions.

### **Bhakalo - The Fruit Shop** | *Python, Firebase, OOP, API Integration, Agile*

[GitHub Link](#)

- Built a secure e-commerce platform for fruit shopping using Firebase authentication and object-oriented programming.
- Developed custom Tkinter UI for enhanced user experience and integrated APIs (Firebase, CalorieNinjas API) for product and order management.
- Handled API integration and exception handling to ensure smooth data flow and reliable user experience.
- Utilized Git for version control and project management.

### **Portfolio Website** | *React.js, React DOM, Frontend Development, Web Design*

[Website Link](#)

- Designed and developed a responsive portfolio website using React.js, showcasing projects and technical skills.
- Implemented dynamic content display and smooth navigation with React Router and optimized performance for fast loading.

### **NutriFruit** | *HTML, CSS, JavaScript, Web Development, UI/UX Design*

[GitHub Link](#)

- Created an interactive website displaying fruits and their nutritional information with dynamic styles.
- Implemented dark mode toggle and ensured responsive design for an optimal user experience across devices.

## Experience

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### Quick Heal Technologies

Aug 2024 – Oct 2024

Technical Support Intern

Pune, Maharashtra

- Provided customer support and resolved technical issues on Windows and Linux platforms.
- Assisted in deploying security solutions for enterprise clients.

### Prodigy Infotech

Jan 2024 – Feb 2024

Web Development Intern

Remote

- Developed a responsive Fruit Nutrition website using HTML, CSS, and JavaScript.
- Developed the Fruit Nutrition Website [Nutrifruit](#).

### British Airways

Dec 2022 – Feb 2023

Data Science Virtual Experience Program

Remote

- Completed tasks in data analysis, machine learning, and data visualization.

## Certifications

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**Journey to Cloud: Envisioning Your Solutions** - IBM, April 2024

**Getting Started with Enterprise-grade AI** - IBM, April 2024

**Python 3.4.3** - IIT, Bombay, December 2022

**Google Cyber Security** - Google, 2024

**Designing for a Sustainable Future** - Samsung, 2024

**Microsoft Azure AI Fundamentals** - Microsoft, 2024

**Machine Learning** - Microsoft, 2024

## Publications

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Published a research paper titled **AGROTECH: A Smart Agricultural System Using IoT and ML** in the *International Journal of Advanced Research in Science, Communication, and Technology*, Volume 4, Issue 2, November 2024.

**DOI:** 10.48175/IJAR SCT-22118

**Paper Link:** <https://doi.org/10.48175/IJAR SCT-22118>

## Relevant Courses

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|----------------------|-------------------------------|---------------------------|------------------------|
| • Machine Learning   | • Object Oriented Programming | • Computer Networks       | • Data Structures      |
| • Algorithm Analysis | • Database Management         | • Artificial Intelligence | • Software Engineering |

## Extracurricular Activities

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**ACE Club** - Coordinator, SKNCOE (Computer Dept), Pune

- Conducted hackathons and coding competitions to encourage technical skills and innovation.

**GDSC SKNCOE** - Logistics Department Head

- Managed logistics for events, collaborating with team members to ensure smooth execution of workshops and tech talks.