

# Kajal Tupe

Phone: +91 8668857604 | Email: [kajaltupe02@gmail.com](mailto:kajaltupe02@gmail.com) | LinkedIn: [linkedin.com/in/kajal-tupe](https://www.linkedin.com/in/kajal-tupe)

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## Objective

Enthusiastic Computer Engineering graduate with solid knowledge of Java, Python, and modern web technologies. Looking to apply technical expertise to real-world projects and develop into a proficient Software Developer.

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## Skills

- **Programming Languages:** C, C++, Java, OOPs, Python
  - **Web Technologies:** HTML, CSS, JavaScript, Bootstrap
  - **Database Management:** SQL, MYSQL
  - **Tools & IDEs:** Eclipse, VS-Code, Jupiter-Lab
  - **Version Control:** Git, GitHub
  - **Methodologies:** SDLC, Agile
  - **Other Skills:** Problem-Solving, Effective Stakeholder Communication, Team Collaboration
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## Internships

- **Software Development with Java Technology**  
Inplant Training | 2021 | TechnoWings International IT Solution
- **Java Development**  
Intern | 2024 | TechnoHacks Edutech

## Projects

### 1. Voice Activated Desktop:

- Developed a hands-free desktop system using speech recognition, Python, and NLP.
- Enabled voice-controlled file navigation, app management, and web search.
- Integrated AI-driven responses for real-time efficiency and user experience enhancement.
- Conducted rigorous testing to optimize accuracy and responsiveness.
- Designed a configurable interface for flexible voice commands.

### 2. Smart Dustbin Using Arduino Uno:

- Developed an automated smart dustbin system for touch-free waste disposal.
- Utilized Arduino Uno and ultrasonic sensors for proximity-based lid activation.
- Designed an energy-efficient system to optimize power consumption.
- Integrated real-time monitoring to track bin capacity and issue alerts.

### 3. Personal Portfolio Website | <https://kajaltupe-portfolio.netlify.app/> :

- Created a responsive personal portfolio to showcase projects and skills.
  - Designed UI using HTML, CSS, JavaScript, and Bootstrap.
  - Added contact form for direct communication.
  - Deployed website on GitHub/Netlify for live access.
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## Education

- **B. E. in Computer Engineering**  
P. K. Technical Campus Pune, Pune University(2025) -2025  
Percentage: 91.00%
  - **Diploma in Computer Engineering**  
Shivaji Polytechnic College Sangola , MSBTE(2022) -2022  
Percentage: 84.34%
  - **SSC**  
Sadguru Vidyalaya Bavachi, Pune Maharashtra State Board (2019) -2019  
Percentage: 88.60%
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## Certification & Achievement

- Java Programming (Coding Seekho - 2025)
- Web Development (CodeNG - 2025)
- Secured 2<sup>nd</sup> Rank in Computer Engineering, (P. K. Technical Campus,Pune- 2025)