Kajal Tupe

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Objective

Enthusiastic Computer Engineering graduate with strong knowledge of Java, Python, and modern web technologies. Eager to contribute technical expertise to real-world projects and grow into a proficient Software Developer.

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, GitHubMethodologies: SDLC, Agile

• Other Skills: Problem-Solving, Effective Communication, Team Collaboration

Internships

Software Development with Java Technology

Inplant Training | TechnoWings International IT Solution | 2021

• Java Development

Intern | TechnoHacks Edutech | 2024

Projects

1. Voice Activated Desktop(Python, NLP):

- Developed a hands-free desktop system using speech recognition, Python, and NLP.
- 0Enabled voice-controlled file navigation, app management, and web search.
- Integrated AI-driven responses to improve efficiency and user experience.
- Conducted testing to ensure accuracy, responsiveness, and reliability.

2. Smart Dustbin Using Arduino Uno:

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

Education

• B. E. in Computer Engineering

P. K. Technical Campus Pune, Pune University(2025) | Percentage: 90.30%

• Diploma in Computer Engineering

Shivaji Polytechnic College Sangola, MSBTE(2022) | Percentage: 84.34%

SSC

Sadguru Vidyalaya Bayachi, Pune Maharashtra State Board (2019) | Percentage: 88.60%

Certifications & Achievements

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