

# GAURI PADHYE

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## SKILLS

- **Programming:** HTML, CSS, JavaScript, SQL, Java, Python, PySpark
- **Operating Systems:** Windows, Linux
- **Tools & Technologies:** AWS (EC2, S3, Lambda, CloudWatch), Databricks, ETL Pipelines, Parquet, Git, JIRA, ServiceNow, Figma, AutoCAD, AI/ML
- **Core Competencies:** Data Analysis, Data Cleansing & Transformation, Workflow Automation, Job Scheduling & Optimization, Project Management, Microsoft Office
- **Soft Skills:** Critical Thinking, Communication, Management Skills, Interpersonal Skills

## PROFESSIONAL EXPERIENCE

### Data Engineering Intern

Abbott India, Nov 2025 (Currently working)

Department: Digital Technology Services (DTS) – Big Data Advanced Analytics (BDAA) Team

- **Data Quality & Transformation:** Cleaned and standardized large datasets using PySpark, resolving null values, invalid formats, and negative entries; converted data to Parquet for optimized storage and faster queries.
- **Workflow Optimization:** Improved job execution efficiency by analyzing task performance, updating notebook paths, and merging dashboard changes—resulting in streamlined workflows and reduced runtime.
- **ETL Automation:** Automated data extraction and transformation from production buckets, implemented standardized naming conventions, and parameterized Redshift workflows with widgets, reducing manual effort by 30% and ensuring scalability.

### SDE Intern

Abbott India, July - Oct 2025

Department: Digital Technology Services (DTS) – Adobe Experience Manager (AEM) Team

- Working with the Frontend Team to design, develop, and optimize user-facing features using Adobe Experience Manager and related web technologies.
- Collaborating with cross-functional teams to build meaningful, scalable, and high-performance solutions in the domain.
- Applying programming and problem-solving best practices to build intuitive, accessible web components, gaining hands-on experience in delivering impactful solutions at the intersection of technology and healthcare.

### Full Stack Development Intern

SIES GST - Department-Guided, Jan – May 2024 | Project - 'Campus Event Organizer'

- Developed: 'Campus Event Organizer,' a college portal that streamlined event management and promotion using AI.
- Integrated: Optical Character Recognition (OCR) to automate event data extraction from documents.
- Deployed: Machine Learning models for intelligent text classification, enhancing content management and event categorization.
- Impact: Improved administrative efficiency and elevated the user experience for the campus community.

## PROJECTS

### AI-Powered Interview System

- Automates technical interviews: The system conducts, analyzes, and evaluates technical interviews in real-time using OpenAI's models for intelligent, conversational questions.
- Comprehensive evaluation and reporting: It assesses a candidate's language skills, technical competency, and cultural fit, then generates detailed PDF reports for review.
- Ensures a fair and efficient process: By providing a standardized, data-driven assessment, it streamlines hiring, enhances recruiter effectiveness, and is built with a focus on candidate privacy.

### AI-Powered Fire Extinguisher Drone

- Developed a compact firefighting drone with YOLOv11-based real-time fire/smoke detection and live video streaming; implemented autonomous navigation and suppression delivery for hazardous environments.

## EDUCATION

### Bachelor of Engineering (B.E.) in Information Technology

- SIESGST, Mumbai University | Graduation: June 2025 | GPA: 9.25

### Higher Secondary Certificate (HSC)

- Lakshya Prep High School and Jr. College | Completed: June 2021 | Percentage: 91.17%

### Secondary School Certificate (SSC)

- Vidya Niketan School | Completed: June 2019 | Percentage: 86.80%

## AWARDS

- Winner of ProjecXions 6.0, a project presentation competition organized by IETE SIESGST.
- Zonal Round Finalist of Aavishkar 2024, organized by University of Mumbai with "AI-Powered Fire Extinguisher Drone".