

Shubham Jain

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EDUCATION

- Purdue University - West Lafayette** 08/2023 - 05/2026
BS in Computer Science, Minor in Mathematics GPA: 3.80
- Monta Vista High School - Cupertino** 08/2019 - 06/2023
High School Diploma GPA: 3.92

EXPERIENCE

- Software Engineering Intern - Elastik Teams** 06/2022 - 08/2022, Remote
 - Enhanced company codebase by learning and applying technologies such as Node.js, Express, and Postman
 - Integrated HubSpot OAuth 2.0 into existing applications, improving security and user authentication processes, resulting in a **20% reduction** in login-related issues
 - Collaborated with senior engineers to deliver multiple projects ahead of schedule, demonstrating strong grasp of new concepts and effective team collaboration
 - Authored comprehensive documentation and unit tests for new features, ensuring maintainability and scalability of the codebase

PERSONAL PROJECTS

- Learnify** 05/2024 - Present
Gemini-powered study helper for students
 - Developed a React web application that generates flashcards, practice exams, and study guides
 - Integrated Google Gemini API with NodeJS to dynamically create educational content, reducing manual study guide creation time by 60%
 - Leveraged Spotify API to provide background music options, helping users minimize distractions and maintain focus, resulting in a increase in study session durations
 - Tools & Technologies Used:** ReactJS, NodeJS, HTML/CSS/JS, Google Gemini API, Spotify API
- Sort-o-Matic** 09/2022
AI-powered garbage sorting device integrated with a full-stack website
 - Designed and implemented a prototype camera device capable of sorting trash, recyclables, and compost with an accuracy of 85% using machine learning models
 - Developed a full-stack website to monitor and control the sorting device, providing real-time analytics and reporting on waste management
 - Ranked 3rd at EcoHacks, an international hackathon with over 600 participants
 - Tools & Technologies Used:** TensorFlow, Keras, HTML/CSS/JS, Firebase

TECHNICAL SKILLS AND INTERESTS

Technical Skills: Java, Python, C, HTML/CSS/JS, React, NodeJS, Full-stack Web Dev, Discord Bots, Tensorflow, PyTorch, AI/ML Programming, AWS, Firebase, SQL, Data Structures, Android App Dev

Soft Skills: Communication, Problem-solving, Detail-oriented, Fast-paced, Focused and passionate mindset

Field of Interest: Generative AI and its applications, Integration of Robotics and Computer Vision

POSITIONS OF RESPONSIBILITY

- Vice President,** Monta Vista Artificial Intelligence Club 07/2022 - 05/2023
-Learned and taught Machine Learning and AI technologies to members
- Software Team Lead,** Monta Vista Robotics Team 07/2021 - 05/2023
-Led the autonomous coding division of our FRC Robot's Software Team

CERTIFICATIONS

- IBM AI Engineering Professional
- Generative Deep Learning with TensorFlow
- Machine Learning by Andrew Ng
- AWS SkillBuilder Machine Learning