

G AJAY KUMAR

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CAREER OBJECTIVE

Aspiring Software Engineer Intern with a solid foundation in AI, machine learning, and full-stack development. Proficient in Python and familiar with JavaScript, HTML, and CSS, with hands-on experience in AI-powered tools integration. Eager to contribute to scalable backend services and responsive interfaces while collaborating remotely. Committed to continuous learning and driving efficient, innovative solutions.

EDUCATION

Srinivas University - College Of Engineering & Technology (SUIET)

Mar 2026

B.Tech, Artificial Intelligence & Machine Learning (GPA: 8.15)

- **Achievements:** Earned academic honors and attended seminars on software development and data science

Nandi International PU College. Bellari

Jun 2022

Senior Secondary (XII), Science (GPA: 70.00%)

St.Joseph English Medium High School Bellari

Aug 2020

Secondary (X) (GPA: 70.40%)

PROJECT'S

GenImage - AI Image Generator

Dec 2024 - Jan 2025

- Developed a sophisticated web-based AI image generator utilizing pre-trained models.
- The application boasts a responsive interface that facilitates real-time, prompt-based image generation, enhanced by loading indicators for an improved user experience.
- Users can download images featuring hover effects, and the application incorporates a chat-like interface that effectively distinguishes between user and AI messages through the use of profile avatars.

Background Remover Web Application

Dec 2024

- Created a Python-based web application designed for the removal of image backgrounds, leveraging Flask as the backend and the rembg library to ensure accuracy.
- The application provides a user-friendly interface constructed with HTML and CSS, enabling users to upload images and download processed files in PNG format.
- This project served as a significant component of my education in Python web development and the integration of third-party libraries.

Online Image Compressor and QR Code Generator Website

Apr 2023 - May 2023

- Developed jpegcompress.tech, a web application dedicated to compressing JPEG images while maintaining quality.
- Successfully achieved indexing on major search engines to enhance visibility and monetized the site through approved Google AdSense.
- Additionally, incorporated a QR code generator feature to augment functionality and user appeal, with plans for further tool development to address user needs.

SKILLS

- **Technical Skills:** AI/ML Libraries, Full-stack Development, Cloud Services
- **Web Development:** HTML, CSS, JavaScript
- **Programming Languages:** Python, C, Java
- **Databases:** MySQL, Database Management Systems (DBMS)
- **Cloud Computing:** Amazon Web Services (AWS) (EC2, S3, IAM, RDS, DynamoDB)
- **Tools:** AWS (EC2, S3, IAM, RDS), Git & GitHub, MySQL Workbench, VS Code, Jupyter Notebook, PyCharm, Google Analytics, Docker
- **DevOps & System Administration:** Linux, OS.
- **Additional Experience:** Participation in Hackathons

TRAININGS / CERTIFICATIONS

- **Deep Learning using TensorFlow:** 02/27/25, IBM, Virtual, Successfully satisfied the requirements for the advanced-level certification, demonstrating proficiency in building and applying deep learning models using the TensorFlow framework.
- **AWS Academy Cloud Foundations:** 09/24/24, Amazon Web Services (AWS), Virtual, Completed a 20-hour program demonstrating foundational knowledge of core AWS services, cloud concepts, security, and architecture.
- **IT Specialist - Databases:** 08/20/24, Certiport, Virtual, Successfully completed certification requirements, demonstrating foundational knowledge of database design, management, and manipulation.
- **Python Programming:** 08/05/23, ETHNOTECH ACADEMIC SOLUTIONS, Mangalore, Completed a 40-hour training program, gaining proficiency in Python syntax, data structures, and practical programming applications.
- **Data Analysis with Pandas and Python:** 08/01/23, The Digital Adda, Virtual, Successfully completed the certification program, acquiring skills in data manipulation and analysis using Python and the Pandas library.