

Shubh Gupta

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EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering; CGPA: 8.81/10.0

Bhopal, India

Sep 2022 - May 2026

TECHNICAL SKILLS

- **Programming Languages and Core Concepts:** Python, C/C++, SQL, Data Structures, Algorithms, Object-Oriented Programming, Computer Networks
- **Tools:** Docker, Git, Github, AWS Cloud Services

CERTIFICATIONS

- **AWS Certified AI Practitioner** (AWS) – June 2025
- **GitHub Foundation** (GitHub) – June 2025

EXPERIENCE

Data Analyst Intern

Preprod Corp

Sep 2024 - Dec 2024

Bengaluru, India

- Designed scalable computer vision models leveraging RCNN and PyTorch, deploying them via Streamlit for a seamless and optimized user interface experience.
- Built NLP workflows with NLTK tokenization and text processing, reducing data preprocessing time by 30%
- Enhanced Agile project delivery by contributing to Scrum ceremonies, leading to faster feature delivery.

PROJECTS

Smart Document Analysis System | AWS, Python, Textract, Comprehend, Lambda, S3

May 2025 - Jun 2025

- Built end-to-end document processing pipeline using AWS Textract for text extraction from PDFs and images with 92% accuracy.
- Deployed serverless architecture using AWS Lambda and API Gateway, while maintaining 99.9% uptime.
- Implemented S3-based document storage and retrieval system with secure access controls.

ResQMap Disaster Support Network | React, Node.js, MongoDB

Sep 2024 - Mar 2025

- Built comprehensive disaster management platform with real-time weather visualization, disaster reporting system, and missing person tracking using React and MongoDB
- Developed social media data collection system that filters disaster-related content using multiple criteria, extracts keywords through NLP processing, and visualizes incidents on interactive maps for real-time emergency response
- Implemented secure authentication system with JWT tokens, password hashing, and CORS protection for multi-user emergency response coordination

Accurate | Python, JavaScript, HTML5, CSS, MySQL, Docker

Aug 2024 - Sep 2024

- Created an AutoML platform to automate the entire workflow for data ingestion, transformation, and evaluation, improving overall processing efficiency by 60%.
- Integrated scalable data pipelines and historical tracking systems, enabling seamless analytics across diverse datasets.
- Enhanced model management with a responsive user interface, increasing user interaction efficiency by 40%.

Energy Insight | Machine Learning, JavaScript, PHP, Gemini API, Git

Feb 2024 - May 2024

- Implemented LGBM Regressor for predicting appliance energy loads with an R^2 score of 61%.
- Integrated Gemini API to provide architectural improvement suggestions tailored to user needs.
- Streamlined workflows using predictive analytics to optimize energy efficiency solutions.

ACHIEVEMENTS

- Winner of Buildathon Hackathon 2024 among 40+ finalist teams; awarded internship at Preprod Corp for innovative AI solution.
- Ranked in top 50 teams out of 1000+ participants in GeeksforGeeks and Vultr national hackathon demonstrating advanced technical expertise.