Shubh Gupta

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EDUCATION

VIT Bhopal University <div align="right">Bhopal, India</div>
Bachelor of Technology in Computer Science and Engineering; CGPA: 8.85/10.0 <div align="right">*Sep 2022 - June 2026*</div>

TECHNICAL SKILLS

- **Programming Languages**: Python, C/C++, JavaScript, SQL, familiar with Java
- **Software Engineering**: Software Architecture & Design, Code Reviews.
- **DevOps & Cloud**: AWS Cloud Services (EC2, S3, Lambda), Docker
- **Development Workflow**: Agile Methodology, Version Control (Git/GitHub)

CERTIFICATIONS

- **AWS Certified AI Practitioner (AIF-C01)** – June 2025
- **GitHub Foundation** (GitHub) – June 2025

EXPERIENCE

Data Analyst Intern <div align="right">Sep 2024 - Dec 2024</div>
Preprod Corp <div align="right">*Bengaluru, India*</div>

- Developed an automated NER and sentiment analysis platform to filter reviews by key aspects and sentiment, integrating production ready monitoring and troubleshooting workflows for reliable system performance.
- Collaborated with cross functional teams, supporting Agile driven production support and driving continuous improvement in service delivery and platform stability.

PROJECTS

Smart Document Analysis System | *AWS, Python, Textract, Comprehend, Lambda, S3* <div align="right">May 2025 - Jun 2025</div>

- Developed an end to end document processing pipeline leveraging AWS Textract for high accuracy text extraction from PDFs/images and Comprehend for sentiment/entity analysis.
- Engineered a serverless architecture using AWS Lambda and API Gateway, maintaining 99.9% uptime for scalable document services.
- Implemented secure storage and retrieval using AWS S3 with access controls, facilitating data integrity at scale.

Arogyam | *Python, React.js, Flask, scikit learn* <div align="right">Dec 2024 - Feb 2025</div>

- Developed a personalized healthcare platform with an AI powered chatbot and machine learning disease prediction models, enhancing early detection and empowering users through virtual health consulting.
- Integrated Rantbot AI chatbot for symptom analysis and personalized health advice, effectively consulting users by providing reliable, accessible healthcare information and guidance.
- Built modular disease prediction models, starting with diabetes risk assessment, leveraging sklearn for accurate health risk forecasting and consulting support for preventive healthcare.

Accurate | *Python, MySQL, Docker* <div align="right">Aug 2024 - Sep 2024</div>

- Created an AutoML platform to automate the entire workflow for data ingestion, transformation, and evaluation, improving overall processing efficiency
- 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.

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.