

Abhay Gupta

Portfolio: abhay.com
Github: Abhay-hack
LinkedIn: abhay-gupta

Email: guptaabhay@tutamail.com
Mobile: +91-9369274691

Summary

Full-stack software developer with expertise in blockchain, cloud computing, and AI/ML. Skilled in building scalable applications and leading open-source initiatives.

Education

- Maharana Pratap Engineering College** Kanpur, India
Bachelor of Technology - CSE(Data Science) September 2022 - Present
Courses: Operating System, Data Structures, Analysis Of Algorithms, Database Management System, Cloud Computing

Skills

- Technical Skills:** Python, C++, JavaScript, SQL, Go, Solidity, Node.js, Express.js, React.js, Flask, HTML5, CSS3, MongoDB, PostgreSQL, MySQL, Docker, AWS, GCP, Git, Linux, RESTful APIs, CI/CD, Smart Contracts, Ethereum
- Soft Skills:** Problem Solving, Leadership (mentored 20+ contributors), Communication, Teamwork

Experience

- IBM SkillsBuild Program** Remote
AI/ML Intern Jun 2024 – Jul 2024
 - Model Deployment:** Built and operationalized machine learning models using Python, NumPy, and Pandas on IBM Watson Studio, improving prediction accuracy by 70% and reducing processing latency by 30%.
 - Data Pipeline Optimization:** Streamlined preprocessing workflows, enhancing data handling efficiency and model performance.
- Fluxus, IIT Indore** Remote
Campus Ambassador Nov 2023 – Jan 2024
 - Community Engagement:** Orchestrated promotional campaigns across social platforms, reaching 500+ students and elevating event turnout by 15%.
 - Brand Representation:** Acted as a liaison between event organizers and participants, increasing visibility and institutional interest.

Projects

- Digilekh:** Technologies: Node.js, Express.js, MongoDB, React.js, Socket.io
 - Built a full-stack content platform with real-time commenting via WebSockets.
 - Reduced bounce rates by 25% with responsive React.js UI.
- Lumina:** Technologies: HTML5, CSS3, JavaScript, GSAP
 - Created a responsive job listing website with GSAP animations.
 - Improved user engagement through efficient filtering of opportunities.
- Vasant:** Technologies: Go, WeatherAPI
 - Developed a weather CLI with 95% accuracy and color-coded outputs.
 - Integrated real-time API calls to fetch and display weather data with enhanced readability and formatting.

Open-Source Contributions

- Project Admin: SWOC 2025:** Directed the development of Lumina under Script Winter of Code (SWOC) 2025, mentoring contributors and reviewing 50+ pull requests.
- GSSoC-Extended 2024:** Mentored 20+ contributors, facilitating 100+ pull requests across full-stack projects.

Achievements

- Solved 200+ Data Structures and Algorithms problems on LeetCode, CodeChef, and GeeksforGeeks, enhancing problem-solving skills.
- Developed 10+ Ethereum smart contracts using Solidity, optimizing gas efficiency for decentralized applications.
- Qualified in SIH Internal Hackathon 2024.
- Built Generative AI Arcade Game for Google Cloud Foundations, earning distinction, Jul 2024.