

Sumit Dhiman

Student, Programmer, Video Editor, Linux Enthusiast

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EXPERIENCE

Athena Consulting | Software Developer | [Website](#) May 2023-Present

- Developed and implemented a cutting-edge cryptocurrency payment platform for Eumlet LTD, leveraging advanced encryption technologies to ensure secure and efficient transactions.
- Engineered a bespoke local chain dashboard for Concordium, integrating deployed chain API on Azure to meet the specific needs of Lunarspace, showcasing adaptability and technical prowess in blockchain technologies.
- Expertly deployed and rigorously tested a backend application on AWS, achieving optimal performance and reliability through meticulous evaluation and enhancements.
- Significantly enhanced user experience by reducing load times by 10 seconds for a NextJS project, demonstrating proficiency in frontend optimization and performance tuning.
- Demonstrated profound expertise in AWS Azure, showcasing a deep understanding of cloud platforms and their integration into scalable, secure solutions.
- Employed DevOps methodologies to streamline development processes, ensuring faster delivery and higher quality of software products.
- Advanced proficiency in FastAPI, Python, Rust, Docker, and Microsoft SQL Server, emphasizing a strong foundation in software development, containerization, and database management.
- Spearheaded CI/CD processes, utilizing skills in GitHub Actions for server deployment and software build, to enhance efficiency and reliability of development pipelines.

Indian Society for Technical Education | Secretary | [Website](#) Dec 2020-Present

- Conducted many events and webinars as a part of NITH's technical society with over 100+ students.
- Hosted a workshop on Linux/Git and GitHub for over 150+ students.
- Conducted events like Naqsh-e-Qadam, YellowHatsSnap.
- Deployed and Contributed in the production of many websites which include Backend and Frontend.

PROJECTS

Concordium Local Chain | Rust, Tauri, Concordium sdk, React, Make, Shell Scripting, Open Source

- Developed the Concordium LC1C GUI Tool using Rust and Tauri to enable developers to launch and manage local Concordium blockchain nodes. Streamlined local chain setup on various operating systems, significantly reducing development preparation time.
- Managed project version control with Git, enabling efficient team collaboration and code maintenance.
- Decreased CPU Usage from 80-90% to 15-20%. Integrated Genesis Builder for easy initialization and configuration of new local chains.
- Managed project version control with Git, enabling efficient team collaboration and code maintenance.
- Organized secure storage of node databases and account keys, adapting to different OS-specific paths for data integrity.

Abhedya - The Cryptic Hunt | Python, Django, Docker, SQL, Celery, Shell Scripting

- Includes features like Login-Signup, Password reset, Email verification, Dashboard, leaderboard, Hunt riddles page.
- Developed the frontend with Jinja templates leveraging Django's built-in features.
- Over 500+ registered using this website and 300+ people were playing at a time.

ArchFire- The Archlinux Based Distro | Python, Cmake, C++, Linux, Shell Scripting

- Archlinux based distro with preconfigures DE/WMs.
- Packaged with calamares installer to make installation easy and hassle-free.
- Achieved a global reach with over 114 downloads across multiple countries including Germany, Sweden, India, USA etc.

Extra Curricular | Position of Responsibility

- Secretary, Indian Society for Technical Education, NIT Hamirpur.
- Technical Head, HultPrize NIT Hamirpur.
- Coordinator, Pahal which is an initiative of ISTE NITH to help fresher in their admission procedure.

SKILLS

Frameworks/Technologies

- Rust, Python, Go Lang, SQL, HTML, CSS, JavaScript
- Docker, Yaml, Lua, Shell Scripting, Ansible
- Django, FastAPI, Gorm, Gin, Echo, Flask, REST API
- Git, GitHub, GitHub Actions, Celery

Softwares

- AutoCAD, StaadPro(Basics), Microsoft products, Postman
- MATLAB(Basics), Photoshop, Aftereffects, VS code

Tools/Others

- Scripting(Bash, Python, Go Lang), CI/CD, Linux/Unix, Windows
- \LaTeX , Vim, Postman, Word, PowerPoint, Excel, Pandoc, Postgresql, Nginx, Axum

EDUCATION

National Institute of Technology, Hamirpur | B.Tech in Civil Engineering 2020-Present

CGPA till 7th semester - 7.09

Govt. Sr. Sec. School JolSapper | Intermediate April 2019-March 2020

Grade - 88.45%