Divyansh Bhardwaj

LinkedIn: linkedin.com/in/divyansh-bhardwaj/
Github: github.com/Dbhardwaj99

Email: divynshh@gmail.com
Mobile: +91-91133-80661

EDUCATION

Sikkim Manipal Institute of Technology
Bachelor of Technology - Information Technology
Gangtok, India
October 2021 - July 2025

Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Cloud Computing, Networking, Databases*

SKILLS SUMMARY

- **Languages**   Python, Golang, C++, SQL, Java
- **Frameworks**   Gorilla Mux, Gin, Django, Flask, NodeJS, GoFiber, QT, React
- **Tools**   Kubernetes, Docker, GIT, Terraform, Apache Kafka, Jenkins, MySQL, SQLite, Grafana, Prometheus
- **Platforms**   Linux, Web, Windows, AWS, GCP, Azure, Kali Linux

EXPERIENCE

Defence Research and Development Organisation (DRDO)
Summer Intern
Chandipur, Oddisha
May 2024 - July 2024

- Developed an FTP client and server GUI application using QT, improving file transfer efficiency by 100%.
- Implemented robust security features, reducing potential vulnerabilities compared to previous systems.
- Collaborated with a team of 5 engineers to ensure the application met 100% of DRDO's specific requirements and security standards.

AICSMUTBI
Backend Developer (Internship)
Majitar, Sikkim
January 2023 - December 2023

- Played a key role in improving the company's backend operations, making systems work better and faster.
- made important changes to how data is handled and improved the website's Layout, resulting in a 140% increase in user engagement.
- Worked with 3 different teams to make sure the website ran smoothly, reducing downtime by 40%.

RanchiMall
DevOps Engineer (Internship)
Remote
Dec 2021 - July 2022

- Played a key role in leveraging blockchain technology, deploying innovative solutions, and actively contributing to the development and customization of 2 blockchain platforms.
- Deployed various smart contracts on FLO Blockchain
- Created and Deployed 2 Dockerized CPU and GPU miners on Cloud, improving mining efficiency by 100%

PROJECTS

- **FoodHub, A multiplatform Food ordering app:** Developed a comprehensive food ordering system with an iOS application for customers and a web dashboard for restaurants. Implemented seamless order placement, processing, and management using Swift, Flask, and React.js. Utilized Docker and Kubernetes for containerization and orchestration, ensuring scalability and reliability. Integrated AppWrite for backend services and employed the MVVM architecture for robust, maintainable code.
  Tech: Swift, Xcode, Flask, Gin (Golang), Kubernetes, Docker, React.js, AppWrite

- **MicroService based Video to MP3 converter:** Developed a cloud-based video to MP3 converter using Kubernetes, Docker, RabbitMQ, and Flask for efficient multimedia processing and user-friendly conversion.
  Tech: Python, Flask, RabbitMQ, Docker, K8s.

- **Video Conferencing App using Golang and Websockets:** This project focuses on creating a real-time video chat application utilizing Golang in conjunction with WebSockets and the Gorilla-MUX router.
  Tech: Golang, MUX, WebRTC, WebSockets HTML, CSS, Javascript

- **Cloud Native Resource Monitoring Python App on K8:** Designed and implemented a Python monitoring application using Flask and psutil to track system metrics such as CPU and memory Usage. The application was containerized via Dockerfile and Kubernetes deployments and services were orchestrated using EKS, including load balancing and scaling of application instances within the Kubernetes cluster.
  Tech: Python, Flask, AWS ECS, AWS EKS, Docker, Kubernetes

ACHIEVEMENTS

- Second Runner's Up at Tech Adrista Business Hackathon - August 2023
- Winner of THOTH business Hackathon - January 2022
- Ran a Web3 community of 300+ members, hosted events, and taught people about the basics of Blockchain

VOLUNTEER EXPERIENCE

Lead at Microsoft Learn Student Chapter SMIT
Conducted online and offline technical training sessions.
Sikkim, India
August 2023 - Present

Cloud Computing Co-Lead at Google Developer Student Club SMIT
Organized events, conducted workshops and Helped my lead in conducting GCCP.
Sikkim, India
September 2022 - August 2023