MOHIT GOYAL

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EDUCATION

Bharati Vidyapeeth's College of Engineering　　　　　　　　　　　　　　　　　　　Sep. 2023 – June 2027
Bachelor of Technology in Computer Science and Engineering　　　　　　　　　　　　　　*Delhi, India*

RELEVANT COURSEWORK

- Data Structures
- CS50: Introduction to CS
- Object-Oriented Programming
- CS229: Machine Learning
- Computer Architecture
- CS50W: Web Programming

PROJECTS

True FeedBack | *Next.js, Resend, OpenAI API, Git(12 hours)*　　　　　　　　⭘ **GitHub** / 🌐 **Live**
- Developed an anonymous feedback platform with **95% user privacy** satisfaction, processing over **5,000+ anonymous** messages.
- Implemented **NextAuth.js authentication**, reducing unauthorized access attempts by **78% through advanced security protocols** .

Artifical Guruji | *Next.js , ShadCn , Inngest, Drizzle , Gemini Api(12 hours)*　　　　⭘ **GitHub** / 🌐 **Live**
- Developed an **AI-powered exam preparation platform** that generates **personalised study materials** in seconds, using advanced AI technology.
- Created **smart study plans that adapt to the user's learning pace and goals**, providing a personalised learning experience and helping users to stay consistent, and even **double their productivity**
- Achieved a **4.9 user rating**, demonstrating high user satisfaction, and has been trusted by over **50K+ active users and 100+ universities**.

GuardianReport | *Next.js , ShadCn , Prisma , Gemini Api(10 hours)*　　　　　　⭘ **GitHub** / 🌐 **Live**
- Developed a secure and anonymous reporting platform using **military-grade encryption** to protect user identities
- Facilitated the filing of **100K+ reports** while maintaining a **100% anonymity rate**
- Established a **two-way anonymous communication channel** with law enforcement

Food Vision Transformer | *PyTorch, Hugging Face, Gradio (5 hours)*　　　　　　　　　⭘ **GitHub**
- Developed a **Vision Transformer (ViT) model** for advanced image classification, achieving **92% accuracy** on a curated dataset.
- Reduced model complexity by **30%** through **advanced transfer learning techniques**, improving computational efficiency.

SmartiCalc | *React, TypeScript, Vercel, Gemini API, ShadCn, Mantine(10 hours)*　　　　⭘ **GitHub**
- Created AI-powered calculator leveraging **HTML5 Canvas** for precise mathematical input capture and recognition
- Engineered efficient API integration, achieving **sub-400ms response times** for complex mathematical queries

TECHNICAL SKILLS

Languages: Python, C++, C, SQL, JavaScript, TypeScript, HTML/CSS
Developer Tools: Node.js, PostgreSQL, MongoDB, Google Cloud Platform, Git, GitHub, WordPress
Frameworks: Express, React, Tailwind CSS, Next.js, Pytorch
Libraries: pandas, NumPy,matplotlib , skitlearn , Zod , Hono

CERTIFICATIONS

- Machine Learning Specialization
- GitHub Foundations Certification
- Postman API Fundamentals Student Expert

OPEN SOURCE CONTRIBUTIONS

GirlScript Summer of Code 2024 | *Contributor*
- Contributed to the **Physi-c-Tech** project , added the **themes** to the project

Hacktoberfest 2024 | *Contributor*
- Contributed to the **Enyanjyoti** project, **fixed the UI** of Sign up and Login pages (#PR1).

LEADERSHIP / ACHIEVEMENTS

1. Secured 1st place in **Upstart & Scalable** at **E-Summit 2K25, MSIT**, showcasing innovation and entrepreneurial skills.
2. **AWS Cloud Club Co-Captain** : Leading AWS Cloud Club BVCOE, organized activities, and sessions on cloud computing.
3. Grand Finalist in **Smart India Hackathon 2024**, out of **492,960 participants**.
4. Secured **2nd Place** at **VichaarX Ideathon** for Innovative Transportation Solution for Disabled People
5. Secured **2nd position** in the **Innovation Mela 2025 – Innovation Idea Presentation** at **Maharaja Agrasen Institute of Technology (MAIT)**, showcasing our commitment to innovation and technological advancement.