

Aman Dhumal

+91 9359195852 - amanddhmal@gmail.com - <https://github.com/amn-d/>

CSE-DS with Honors in Cyber Security undergraduate with 8.86 CGPI, led multiple projects and submitted a research paper in IEEE ICCSAI, gaining experience in Python, and its libraries (NumPy, Pandas, Matplotlib), backend development using Django, and MySQL database management, along with knowledge in Java, HTML/CSS, Git.

PROJECTS

Student Management System (SMS)

https://github.com/amn-d/student_management

- Designed a desktop application using Python and MySQL for managing student data, attendance, and grades.
- Integrated database queries for dynamic report generation and user data handling.

SAFER: System for Disaster Assessment and Forecasting of Emergency Risks

https://github.com/amn-d/majprj_2025

- Developed a web and app platform for flood/landslide forecasting using geospatial data.
- Built a Django backend with SQLite, integrated Open-Meteo API for data fetching, and implemented interactive maps using Leaflet with Integrated voice commands, ambulance booking, and first-aid features.

EDUCATION

Bachelor of Engineering (B.E), Data Science with Honors in Cybersecurity

A. P. Shah Institute of Technology, Thane (University of Mumbai) - 07/2021 – 05/2025
CGPI: 8.86/10.0

Senior Secondary (XII), Science

New High School & Junior College, Ulhasnagar - 07/2018 – 05/2020
Percentage: 84.17

CERTIFICATIONS

AI-ML Virtual Internship - 04/2024 - 06/2024

Certificate ID: 0d0a79a9036207dd71be392ec82868d5

AICTE & EduSkills

SKILLS

Python, NumPy, Pandas, Matplotlib, MySQL, Git, Django, Java, HTML/CSS, SASS, Linux, VMware, VirtualBox, Wireshark

GITHUB CONTENT DUMP

Hey There, I'm Aman Dhumal!  
alt="banner - to make the page standout">![Profile

Views](https://komarev.com/ghpvc/?username=AMN-D&style=flat-square)! [Linux](https://img.shields.io/badge/Linux-Arch_Hyprland-blue?logo=arch-linux)! [Python](https://img.shields.io/badge/Python-3776AB?logo=python&logoColor=white)! [Java](https://img.shields.io/badge/Java-007396?logo=java&logoColor=white)! [HTML](https://img.shields.io/badge/HTML5-E34F26?logo=html5&logoColor=white)! [CSS](https://img.shields.io/badge/CSS3-1572B6?logo=css3&logoColor=white)! [GitHub](https://img.shields.io/badge/GitHub-AMN--D-black?logo=github)<div align="justify">Here to look at my projects? Take your time — some of these are even hosted on GitHub Pages, so you can get a live demo.</div><div align="justify"><u>A bit about me</u>: I'm a CSE-DS Major with Honors in Cyber Security. I've worked with Python, Java, HTML/CSS, and relational database projects. I've also built several AI models during my university days. I prefer using OSS over proprietary tools. I daily drive Linux (Arch - Hyprland), and as a hobby, I tinker with the OS.</div>## Want to contact me? 🌐: - Send me an email: amanddhumal@gmail.com 📧 ✉️ - Check out my LinkedIn 💼 <!-- - Solving coding puzzles over at Leetcode 🍷 --><!-- - See my designs on Dribbble 🎨 →

The Student Management System (SMS) is an app that helps manage student info, attendance, grades, staff details, and notices. Built with Python, MySQL, and Tkinter, it offers an easy-to-use interface for logging in, managing data, tracking attendance, and posting announcements.

Owner avatarARRAY_VISUALIZERPublicAMN-D/ARRAY_VISUALIZERtName Last commit messageLast commit dateAMN-DAMN-DFixing Gh Pages issue92e65c0·Sep 8, 2024.vscodereorganizedMar 23, 2024src-taurioreorganizedMar 23, 2024srcremoved links for everything except ArrayAug 3, 2024.gitignorereorganizedMar 23, 2024README.mdreorganizedMar 23, 2024index.htmlFixing Gh Pages issueSep 8, 2024package-lock.jsonreorganizedMar 23, 2024package.jsonreorganizedMar 23, 2024Repository files navigationREADME Tauri + VanillaThis template should help get you started developing with Tauri in vanilla HTML, CSS and Javascript.Recommended IDE SetupVS Code + Tauri + rust-analyzerAboutHey, welcome to Visual! explore some minimal data structure visualizations with me. Let's keep it simple and learn together!amn-d.github.io/ARRAY_VISUALIZER/

Owner avatarBULBPublic archiveAMN-D/BULBtName Last commit messageLast commit dateAMN-DAMN-Dfixed parallax alignment86cc03d·Mar 29, 2024bulbfixed parallax alignmentMar 29, 2024README.mdUpdate README.mdMar 29, 2024Repository files navigationREADMEWelcome to Light Bulb ! 💡 banner - to make the page standoutLight Bulb is a webpage powered by Vite and JavaScript, designed to illuminate your browsing experience. With its seamless switching between light and dark modes, you can tailor your environment with just a simple click.Check it out here: Light Bulb DemoEnjoy! 🌟AboutLight Bulb is a webpage powered by Vite JavaScript, designed to illuminate your browsing experience. With its seamless switching between light and dark modes, you can tailor your environment with just a simple click.amn-d.github.io/BULB/

This repository was archived by the owner on Aug 19, 2024. It is now read-only.Owner avatarPRICEOPTIMPublic archiveAMN-D/PRICEOPTIMtName Last commit messageLast commit dateAMN-DAMN-DRevert "Update README.md"3ff5a3b·Mar 19, 2024modelcreated django

projectFeb 9, 2024price_optimisationRevert "Update views.cpython-39.pyc"Mar 19, 2024.gitignoremade changes in amazon.csv remove uinecessary columnsFeb 3, 2024README.mdUpdate README.mdMar 2, 2024requirements.txtRevert "Update requirements.txt"Mar 19, 2024Repository files navigationREADMEPRICEOPTIM 💰 Open Source License: This project is licensed under the terms of the MIT License. This license grants you the freedom to use, modify, and distribute the software in any way you see fit, with some minimal obligations. Please refer to the license file for the full details.PRICEOPTIM is a web application designed to help you optimize product pricing to perfection. Built using Python Django, HTML, CSS, and JavaScript, it provides a user-friendly interface for fine-tuning prices and maximizing your profits.Prerequisites 🔧 Python: Ensure you have Python 3.9.2rc1 or any version compatible with TensorFlow installed.Dependencies: Install the additional dependencies listed in the requirements.txt file using pip install -r requirements.txt.Getting Started 🚀 Install Dependencies: pip install -r requirements.txtRun the Server: Navigate to the price_optimisation directory. Start the Django server by running: cd price_optimisationpython manage.py runserverOpen Application: Visit http://127.0.0.1:8000/ in your web browser to access the application.Unleash the Power of PRICEOPTIM 🧠 Effortlessly Load Models and Visualize CSV Files: PRICEOPTIM simplifies data exploration and analysis, allowing you to visualize and understand your data effectively.Customize with Ease: Tailor the code to integrate your own custom models seamlessly, empowering you to explore different pricing strategies.Optimize Prices with Confidence: Input your own product data and let PRICEOPTIM suggest optimal pricing strategies, maximizing your business potential.Glimpse into PRICEOPTIM's World 🌍 image imageSee it in Action! ▶ Curious to experience PRICEOPTIM firsthand? Watch our test run video and discover how it can elevate your pricing strategy.Join the Community 🤝 We welcome contributions and suggestions! Help us make PRICEOPTIM an even more powerful tool for businesses like yours.Here are some ways you can contribute:Report bugs and suggest improvements by creating issues on our GitHub repository.Contribute code by sending pull requests with your additions and modifications.Share your experience and feedback by leaving comments and reviews.Together, we can make PRICEOPTIM the ultimate tool for optimizing product pricing.AboutPRICEOPTIM is a web application designed to help you optimize product pricing to perfection. Built using Python Django, HTML, CSS, and JavaScript, it provides a user-friendly interface for fine-tuning prices and maximizing your profits.

OLD RESUME DUMP

Aman Dhumal amanddhumal@gmail.com+91-9359195852 amn-d -
 GithubEDUCATIONA. P. Shah Institute of Technology, Thane (University of Mumbai)Bachelor of Engineering (B.E), Data Science,Honors in CybersecurityCGPA: 8.86/10.0July 2021 – May 2025New High School & Junior College, UlhasnagarSenior Secondary (XII), SciencePercentage: 84.17May 2018 – May 2020TECHNICAL SKILLSProgramming Languages: Python, JavaWeb Development: Django, HTML/CSS, SCSSDatabase: MySQLVirtualization & Networking: VMware, VirtualBox, WiresharkPROJECTSSStudent Management System (SMS)Designed a desktop application using Python and MySQL for managing student data, attendance, and grades.Integrated database queries for dynamic report generation and user data handling.SAFER: System for Disaster Assessment and Forecasting of Emergency RisksDeveloped a web and app platform for flood/landslide forecasting using geospatial data.Built a Django backend with SQLite, integrated Open-Meteo API for data fetching, and implemented interactive maps using Leaflet.Integrated voice commands, ambulance booking, and first-aid features.CERTIFICATIONSSQL and Relational Databases 101 | IBMMySQL Basics |

MyGreatLearningSQL (Basic) | HackerrankLinux Essentials | CiscoPython Programming Essentials |
CiscoPython (Basic) | HackerrankIntroduction to Cyber Security | Cisco