VERNEIL KENT BATILLER
SOFTWARE DEVELOPER

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Computer Science graduate skilled in machine learning, backend development, and cloud deployment. Strong problem-solving ability demonstrated through competitive programming and cybersecurity contests. Passionate about creating efficient, scalable, and innovative software solutions.

TECHNICAL SKILLS

Languages & Frameworks: Python, JavaScript, Node.js, Solidity, HTML, CSS, Flutter
AI/ML: Random Forest, XGBoost, Ensemble Models, Linear Regression, OpenCV, Feature Engineering, Data Scraping
Backend & Databases: Flask, MongoDB, MySQL, PostgreSQL, NoSQL
Game Development: Unreal Editor for Fortnite
Cloud & Deployment: AWS, Google Cloud Platform, Linux
Tools & Version Control: Git, GitHub
Blockchain: Ethereum Smart Contracts, Web3.js, Hardhat, NFT Marketplace Development
Additional Knowledge: Deep Learning, Reinforcement Learning

ACHIEVEMENTS

Capture the Flag Champion & Top Scorer   **Oct 2023**
  Cybersecurity Intelligence Alliance
Code to Death Champion   **Nov 2021, Oct 2022**
  League of Outstanding Programmers
Top 10% AWS DeepRacer Open League   **Aug 2022**
  AWS DeepRacer

PROJECTS

Angelite Forecast   **Jun 2024 - Oct 2024**
- Predicted college enrollment counts using 7+ ML models (Random Forest, XGBoost, Ensemble, etc.).
- Handled data scraping, cleaning, feature engineering, and model tuning.
- Built backend API and deployed on Google Cloud Platform.

Invocation NFT   **Oct 2024**
- Developed a Web3 gacha-style NFT app with marketplace features.
- Wrote and deployed Ethereum smart contracts for ownership and gacha pulls.
- Used Web3.js for integration and Hardhat for local blockchain testing.

Invocation Cloud Marketplace   **Oct 2024**
- Converted Invocation into a non-blockchain cloud app using MongoDB (NoSQL).
- Added targeted ad logic and a simple admin log table.
- Deployed on Amazon Web Services (AWS).

EDUCATION

Bachelor of Science in Computer Science   **Jul 2021 - Apr 2025**
Holy Angel University
- Thesis on "Forecasting College Enrollment Utilizing Machine Learning Algorithms".

High School   **Jun 2015 - Apr 2021**
Holy Family Academy

CERTIFICATES

Data Literacy, AI Fundamentals	**DataCamp**
FREE OpenCV Bootcamp	**OpenCV University**
Machine Learning DeepRacer	**AWS Educate**
Cloud Foundations	**AWS Academy**
Data Scraping Bootcamp	**Virtuals Protocol**
CyberOps Associate, CCNA: Intro to Networks, Intro to Cybersecurity, Intro to IoT	**Cisco Networking Academy**