Nathan Aldyth Prananta Ginting

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EDUCATION

Diploma of Education, Information Technology
Sunway College • Malaysia • December 2024 • CGPA 3.89
- Awarded Jeffrey Cheah International Bursary
- Took part in various student bodies such as Sunway Music Society and Sunway Student Ambassador

High School Certificate / VCE
Minor in STEM • Kingston School - AIS • Indonesia • 2021 • WAM 92.89%
- Played the role as Vice Secretary of student council for 1 semester.
- Took part as HOD of Documentation and Publication in Student Council

EXPERIENCE

Website Developer
SMA Santo Thomas 1 Medan   **March 2022 - May 2022, Kota Medan, North Sumatra, Indonesia · On-site**
- Developed website for S.E.F (Stosa English Festival), increasing event visibility and engagement.
- Utilized WIX website builder, prioritizing SEO to enhance event promotion and reach.
- Improved event reach by 40% through strategic SEO implementation.

Event Staff
Youth Break the Boundaries Foundation   **October 2021 - February 2022, Istanbul, Türkiye · Hybrid**
- Selected as staff for Istanbul Youth Summit 2022 preparation, contributing to event coordination.
- Provided inputs to enhance event experience, ensuring memorability for attendees.
- Successfully reached target of over 40 nationalities collaborating on Covid–19 recovery solutions.

Website Developer Team
Modern Youth Model UN   **August 2021 - September 2021, India · Remote**
- Developed website for Modern Youth International MUN, boosting organization's online presence during Covid–19 pandemic.
- Utilized WIX website builder to create user-friendly platform, resulting in a 40% increase in website traffic.
- Implemented SEO tools, resulting in over 600 participants engaging with the website since its inception.

EXTRA-CURRICULAR

Public Relations Deputy
Sunway Music Society   **January 2024 - Present, Subang Jaya, Selangor, Malaysia**
- Promoted to Deputy of Sunway Music Society's Public Relations team.
- Assisted Head of Department in managing members and delegating tasks.
- Acted as replacement for Head of Department as needed, ensuring smooth operation of team activities.

Student Ambassador
Sunway Student Ambassadors   **June 2023 - January 2024, Subang Jaya, Selangor, Malaysia · On-site**
- Participated in Sunway Student Ambassadors, aiding in event management and coordination for 5 major events.
- Contributed to SEG Open Day from June 2023 to January 2024, assisting in organizing and facilitating activities for 500+ attendees.
- Volunteered and performed at various graduation ceremonies, including A levels Graduation in June and November, and FIA Graduation in October/November, reaching an audience of over 600+ and 200+ attendees respectively.

SKILLS

Industry Knowledge: Machine Learning, Front-End Development, (SEO), SMTP, Debugging, Web Applications, Web Development, Systems Analysis, System Lifecycle, Programming, Information Technology, Computer Science.

Tools & Technologies: Wix Website Builder, Microsoft SQL, CSS Layouts, Three.js, React.js, PHP, MySQL, PhpMyAdmin, Laravel, Git, GitHub, Tailwind CSS, Bootstrap (Framework), Material-UI, C++, JavaScript, Java, HTML, CSS

Interpersonal Skills: Problem Solving, Organization Skills, Teamwork, Public Speaking, Critical Thinking, Leadership, Communication, Analytical Skills

Languages: English, Indonesian, Malay.

PROJECTS

Airline Reviews Machine Learning
March 2024 – March 2024
- Developed predictive model for airline ratings using Google Collab's Jupyter notebook.
- Leveraged Kaggle's airplane datasets comprising over 8101 reviews to train the model.
- Curated 7 crucial variables including flight punctuality, in-flight services, and customer feedback sentiment.
- Implemented RandomForestRegressor from SciKit Ensemble, achieving a Mean-Absolute-Error of 1.1.
- Demonstrated high accuracy in predicting overall airline ratings, enabling airlines to implement data-driven decisions.

Personal Website
March 2024 - March 2024
- Created a personal website to showcase and display my online presence.
- Used SMTP to create an easy contact system where the user will be able to send messages from the website.
- Created a simplified yet clean user interface and interactive with the help of Framer Motion and Tailwind CSS
- Deployed it to be visible with the help of Vercel deployment system and scoring over 96/100 in lighthouse web performance metrics.
- Skills utilized: React, JavaScript, Vite, Tailwind CSS, Framer Motion, Vercel, Lighthouse, SEO, Mobile Optimization

Social Hive
February 2024 - February 2024
- Implemented Real-Time Texting, Image Uploading, and Profile Modification functionalities.
- Created an admin panel enabling CRUD operations for administrators.
- Utilized React and Laravel frameworks along with Livewire, Sanctum, and Pusher for enhanced features.
- Secured the application with SMTP protocols for email verification and hashing.
- Skills utilized: PHP, Laravel Blade, Tailwind CSS, React, GitHub, JavaScript, Inertia, SMTP, Full-Stack Development

Eco Cycle
December 2023 - December 2023
- Integrated basic PHP and Axios functionality for user Login and Registration.
- Incorporated Three.js library to create a 3D homepage for the application.
- Skills utilized: MySQL, Web Development, PHP, Tailwind CSS, Three.js, GitHub, React.js, axios, , Git, Front-End Development.

Volume by Gesture
July 2023 - July 2023
- Explored Python's capability to create IoT tools using CAW library, NumPy, CV2, and Mediapipe.
- Developed a mini-scaled project allowing users to control device volume using finger gestures and camera detection.
- Skills utilized: CAW, GitHub, NumPy, Git, Python, Mediapipe.

CERTIFICATIONS

Frontend Developer (React)
HackerRank • 2024

JavaScript (Intermediate)
HackerRank • 2024

Problem Solving (Intermediate)
HackerRank • 2024

SQL (Advanced)
HackerRank • 2024

Software Engineer Intern
HackerRank • 2024

REFERENCES

Mr. Ahmad Mujahid Ubaidillah Zakaria
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