

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 / VCET

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

Head of Information Technology Department

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.
- Lead the whole environment creation for the festival by implementing a centralized computing system from the school's facility.
- Delegated tasks towards the department members to ensure the event flow went smoothly ranging from dividing the tasks and using AGILE method to discuss the requirements with the members.

Event Staff

Youth Break the Boundaries Foundation

January 2022 - 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 Development Team

Youth Break the Boundaries Foundation

October 2021 - December 2021, Istanbul, Türkiye • Remote

- Helped in establishing the website for Istanbul Youth Summit 2022, which is now maintained and used for future events.
- Participated in gathering the design and user requirements through testing and questionnaires.
- Helped develop the website and design the website with the help of WordPress and its relevant plug-ins to increase interactivity.

Website Development 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

Technical Skills: Web Dev (HTML, CSS, React.js, Laravel, Bootstrap, Tailwind CSS, Material-UI, Wix Website Builder), Programming (C++, JavaScript, Java, PHP, Python), Database Management (MySQL, Microsoft SQL, PostgreSQL), Front-End Development (CSS Layouts, Three.js), Version Control (Git, GitHub), Systems Analysis & Lifecycle, Debugging, SMTP, SEO

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

Languages: English, Indonesian, Malay.

RELEVANT 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.

CERTIFICATIONS

Frontend Developer (React)

HackerRank • 2024

JavaScript (Intermediate)

HackerRank • 2024

Problem Solving (Intermediate)

HackerRank • 2024

SQL (Advanced)

HackerRank • 2024

Software Engineer Intern

HackerRank • 2024

AWS Machine Learning Fundamentals

Amazon Web Services • 2024

AWS Networking Fundamentals

Amazon Web Services • 2024

REFERENCES

Mr. Ahmad Mubahid Ubaidillah Zakaria

Lecturer

Sunway College

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