

# 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

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## 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.

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## 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.

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## 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.

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## 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.

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## CERTIFICATIONS

### Frontend Developer (React)

HackerRank • 2024

### JavaScript (Intermediate)

HackerRank • 2024

### Problem Solving (Intermediate)

HackerRank • 2024

### SQL (Advanced)

HackerRank • 2024

### Software Engineer Intern

HackerRank • 2024

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## REFERENCES

### Mr. Ahmad Mujahid Ubaidillah Zakaria

Lecturer

Sunway College

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