

# Nathan Aldyth Prananta Ginting

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## RELEVANT EXPERIENCE

### Software Programmer for React Native IDE

Software Mansion, Volunteer

April 2024 - May 2024, Krakow, Poland · Remote

- Played a key role in building a next-generation IDE for React Native development using MacOS development tools.
- Championed a user-centric approach, resulting in a highly rated product (430+ GitHub stars).
- Collaborated with Software Mansion team to bring this vision to life by creating the SDLC Diagrams
- Helped the team in making deployments and release, where I filter other developers to also volunteer and help the development of React Native IDE

### Head of Information Technology Department

SMA Santo Thomas 1 Medan, Intern

March 2022 - May 2022, Medan, Indonesia · On-site

- Designed and optimized the STOSA English Festival event website using WIX and SEO. The website has a traffic of over 200 visitors daily.
- Led IT team in setting up and monitoring the website and event systems. The IT Team has set up LAN infrastructure and systems that smoothen the event.
- Developed intranet and centralized monitoring systems for online event management. The system then was further developed into an Exam software.

### Event Staff

Youth Break the Boundaries Foundation, Intern

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, Intern

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. Which is then used as the basis for the website
- 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, Intern

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.

## 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

## SKILLS

**Front-end:** React, Angular, Next JS, Vue JS, Flutter Website, Tailwind CSS, SCSS, HTML.

**Back-end:** Laravel, Golang, SpringBoot, MySQL/PostgreSQL.

**Programming:** Python, Java, PHP, SQL, JavaScript, TypeScript, Ruby, Dart.

**Technical:** RESTFUL APIs, SDLC, SEOs, Web Technologies, Mobile App.

**Tools:** Wordpress website builder, WIX Website Builder, Figma, Vercel, Hostinger.

**Languages:** English, Indonesian, Malay

## EXTRA-CURRICULAR

### Public Relations Deputy

Sunway Music Society

January 2024 - Present, Subang Jaya, Selangor, Malaysia

### Student Ambassador

Sunway Student Ambassadors

June 2023 - January 2024, Subang Jaya, Selangor, Malaysia · On-site

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## RELEVANT PROJECTS

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### React Native IDE

April 2024 – Present

- Spearheaded the development of a cutting-edge Integrated Development Environment (IDE) tailored for React Native projects, harnessing the power of MacOS development tools.
- Engineered a user-centric IDE, garnering widespread acclaim with over 430 GitHub stars, lauded for its pioneering features and intuitive design.
- Orchestrated seamless collaboration within a global development team, facilitating efficient communication and progress through the creation of comprehensive diagrams.
- Championed the beta release process, actively engaging the community and soliciting valuable feedback to refine and enhance product functionality.
- **Technologies:** TypeScript, JavaScript, React, Ruby, GitHub, Git.

### Appetite Connect API / User-Interface

April 2024 - Present

- Developed Laravel as the back-end tool with support from Sanctum, Breeze, Passport, and Filament to develop the API.
- Developed a user-interface using the Angular framework to ensure integrity with TypeScript as well as the system's performance.
- Used SMTP to create a change-password mechanism with email verification.
- **Technologies:** MySQL, Laravel, Angular, PHP, Tailwind CSS, SMTP, GitHub, Git

### 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.
- **Technologies:** React JS, JavaScript, Next JS, SMTP, Vercel, GitHub, Git.

### 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.
- **Technologies:** Laravel, React, JavaScript, SMTP, GitHub, Git.

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## CERTIFICATIONS

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### Frontend Developer (React)

HackerRank • 2024

### Software Engineer Intern

HackerRank • 2024

### Problem Solving (Intermediate)

HackerRank • 2024

### AWS Machine Learning Fundamentals

Amazon Web Services • 2024

### AWS Networking Fundamentals

Amazon Web Services • 2024

### Google Cloud Integration of Gemini API

Google • 2024

### Google Cloud Core Infrastructure

Google • 2024

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## REFERENCES

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### Mr. Ahmad Mujahid Ubaidillah Zakaria

Lecturer

Sunway College

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