

Matthew Avrillio

Computer Science Student at BINUS University

☎ (+62) 882-3400-8490

✉ mattavrillio@gmail.com

🔗 mattsmatt.github.io

📍 Jakarta, Indonesia

SUMMARY

Computer Science graduate specializing in Software Engineering, thriving in chaos to deliver real solutions, not just workarounds, under tight deadlines. Developed a Traffic Flow Estimator using YOLOv7 and SORT with 67.3% precision and 90.67s inference for intelligent transport systems. During a one-year internship at PT Evotech Distribusi, worked on up to 10 different applications, both mobile and web, using Outsystems, revolving around supply chain management in teams consisting of up to 3-4 developers, as well as fixed various bugs to optimize performance. While doing so, led a 3-developer team in building a role-playing puzzle game for a thesis. Eager to collaborate in building code for the community!

EXPERIENCE

Web Developer

02/2024 - 02/2025

PT. Evotech Distribusi ↗

- Developed, tested, maintained up to 10 applications, web and mobile, using Outsystems based on business objectives. This includes implementations for processes / asynchronous functions, back-end functions, REST API, blocks and custom JavaScript for front-end development, as well as offline data synchronization
- Designed, developed, and performed unit testing on applications according to company standards utilizing Outsystems built-in debugging, ensuring defect-free releases
- Conducted bug fixing, optimizing app performance
- Discussed alongside supervisors and business analysts regarding issues or features within certain systems

Assistant Manager of Learning Management Division, BNEC 30th Presidency

02/2023 - 02/2024

BINUS English Club (BNEC)

- Managed class, tutor, student data
- Interviewed tutor candidates
- Communicated with tutors and students
- Prepared class materials and exam questions
- Booked onsite classes
- Assisted manager in building team

Staff of Research & Development Division (Website)

02/2023 - 02/2024

Cyber Security Community

- Managed team in charge of the official CSC website, delegated their tasks, as well as taught them basic HTML5, CSS, and JavaScript
- Maintained CSC's GitHub and website

Coordinator of TAF (Transportation, Accommodation, Food) Division - The 2023 Asian English Olympics

10/2022 - 04/2023

BINUS English Club (BNEC)

- Briefed and built team morale
- Collaborated with LOs (Liaison Officers) and staff
- Listed transportation vendors
- Listed, surveyed, and made deals with food vendors
- Planned transportation flow and rundown, alongside food distribution system
- Surveyed accommodation

Staff of Learning Management Division, BNEC 29th Presidency BINUS English Club (BNEC) <ul style="list-style-type: none"> • Interviewed tutor candidates • Managed online classes, tutor, and student data 	03/2022 - 03/2023
Activist of Research & Development Division (Website) Cyber Security Community <ul style="list-style-type: none"> • Developed the front-end for the official CSC website, mostly using HTML5, CSS, and JavaScript, alongside Git for version control purposes 	02/2022 - 02/2023
Coordinator of MIT-Registration Division - The 2022 BNEC ODD New Member Recruitment BINUS English Club (BNEC) <ul style="list-style-type: none"> • Coordinated and managed team • Communicated with the Kemanggisan internal team, as well as other BNEC regions, including Alam Sutera, Bekasi, Bandung, and Senayan • Kept track of and handled new registrants' data • Promoted BNEC to freshman year students at Binus University via on-site expo booth 	07/2022 - 10/2022
Coordinator of Online Competition Division - The 2022 BNEC Social Event BINUS English Club (BNEC) <ul style="list-style-type: none"> • Built team morale and collaborated with the staff • Listed and finalized deals with judges • Managed judges' offering letters and Memorandum of Agreements • Communicated with judges and participants • Planned and executed competition flow 	05/2022 - 09/2022
Staff of Media Information and Technology Division - The 2022 Asian English Olympics BINUS English Club (BNEC) <ul style="list-style-type: none"> • Managed data belonging to international and national registrants • Created parts of the website using Bootstrap CSS • Followed up registered institutions via the official 2022 AEO website 	10/2021 - 02/2022

EDUCATION

Computer Science BINUS University - Bachelor's Degree of Computer Science <ul style="list-style-type: none"> • Achieved a 3.95 GPA • Registered as a member of BNEC (Binus English Club), BNMC (Binus Mandarin Club) and CSC (Cyber Security Community) during the first year • Contributed as an activist in BNEC and CSC, in Learning Management and Research and Development respectively • Participated in the BNEC Storytelling Talent Community • Achieved The 3rd Winner of National Storytelling Competition in The 2022 English Event, conducted by the Mercu Buana English Club 	08/2021 - 08/2025
--	-------------------

CERTIFICATES

Programming with JavaScript ↗ Meta	04/2025 - Present
Introduction to Front-End Development ↗ Meta	04/2025 - Present

Self-Paced Azure AI Basic Fundamental GreatNusa	04/2025 - Present
Amazon Web Services Cloud Practitioner ↗ Dicoding Academy	10/2021 - 10/2024

SKILLS

Analytical Skills	Advanced	Python	Intermediate
Problem Solving	Advanced	Java	Intermediate
Teamwork	Advanced	Artificial Intelligence (AI)	Intermediate
Outsystems	Advanced	ASP .NET	Intermediate
C#	Advanced	SQL	Advanced

LANGUAGES

English	Native	Indonesian	Native
---------	--------	------------	--------