

# PEERANAT OUNHANAN

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## SPECIALTIES

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- UX/UI Design with the design concept
- Developer
  - Frontend and Backend development with React.js, SCSS, Redux, Styled-components, Node.js, Python and Java
  - Container for development with Docker
  - Automate CI/CD with Azure DevOps and GitHub Actions
- Cloud service: Microsoft Azure
- Security : Web Application Security, OWASP TOP 10, Network Security, Cloudflare, Penetration Testing Tools and etc.
- Public Speaking and Leadership

## EDUCATION

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### Bangkok University

Bachelor of Science in Computer Science (Cybersecurity and Data Science)  
Expected Graduation in May 2024

Pathum Thani, Thailand  
2020 - Present

## WORK EXPERIENCES

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### Full Stack Developer (Part-time)

April 2021 – Present

Buff Technology

- Design and Develop 3 web applications using React.js for frontend also learning using redux to manage state in react, using node.js and Laravel for backend to building RESTful API, and PostgreSQL for the database. These applications help 2 public sectors The Bureau of Royal Scribes and Royal Decoration and The Hydrographic Department Royal Thai Navy to reduce complex processes to streamline the working.
- Understanding consumer pain points and developing solutions through design to improve the user experience for users to easily use will enable Thai government officers who need to access information from two public sectors can easily use.
- Learning and Using the OWASP Application Security Verification Standard (ASVS) to ensure standard quality and security of applications.
- Understand and Implement Azure Active Directory for seamless SSO in Laravel.
- Collaborated on 2 projects with MFEC Infrastructure team and SECURE-D penetration testing team to ensure that the standard quality of the project.
- Using Azure for development 3 projects, such as Azure DevOps for creating CI/CD pipelines and Microsoft Azure for app deployment.
- Participated in 54+ weekly code reviews to ensure code quality and receive mentoring from senior developers.

### Beta Microsoft Learn Student Ambassador (Community)

July 2021 – Present

Microsoft Learn Student Ambassadors (Microsoft)

Lead Thai student developer communities and Thai Student Ambassadors. Empower students to become citizen developers by host workshops, write tutorials, and conduct events (Microsoft Azure, Microsoft 365, Microsoft Teams, and Power Apps). Impact on Thai students by conduct 50 events with 5,000+ student attendees overpassed year.

## ACTIVITIES

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### 1st win THNG Camp#10: Internet Governance & Hackathon

December 2020

Thailand Network Information Center

As Chief Technology Officer and Full Stack developer who led developer team at this Hackathon, I built a WordPress website and deployed it to Apache on the virtual host. The key success to win this hackathon is putting the right man on the right job.

### CTF Monitoring Team Leader

October 2021

National Cyber Security Agency of Thailand

The team leader monitors participants in Thailand Cyber Top Talent 2021 by National Cyber Security Agency of Thailand to ensure that they play transparently and without cheating. Thailand Cyber Top Talent 2021 is Jeopardy CTFs.

## Developer Webinar

October 2021

Microsoft Thailand

Video recording of an introduction to web development and deployment of static web into Azure Static Web Apps. This video will be available in the first quarter of 2022 for training purposes for those who need to learn about web development and how to publish static web to Azure Static Web Apps.

## AWARDS

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### 1<sup>st</sup> win THNG Camp#10: Internet Governance & Hackathon

December 2020

Thailand Network Information Center

### Student President of Cybersecurity and Data Science

2020 – 2021

Bangkok University - Cybersecurity and Data Science

Student leader of the Cybersecurity and Data Science major. Responsibilities include networking and developing student relationships among Cybersecurity and Data Science students, as well as students from other majors. Furthermore, students in this major will be given university information or events for technology, and university planning events will be established.

### RUNNER-UP RE:THINK WITH Microsoft

October 2022

CHOICEISYOURS (BMW, SCG, Microsoft and CHAIPATTANA FOUNDATION)

### 10<sup>th</sup> place with STDiO CTF Competition 2022

November 2022

2600 Thailand

Using OWASP TOP 10, Ethical hacking domain, and penetration testing tools for capture the flag competition such as Kali, Nmap, Burp suite, SQL Map, Metasploit, Cyberchef, GhIDa, and so on.

### 6<sup>th</sup> place in Final round Palo Alto Networks Capture The Flag, Capture the Future Competition 2022

November 2022

Palo Alto Networks Thailand

In the Captain role, Responsible for designing a strategy for a team to solve red and blue team problems. The red team used OWASP top 10 penetration testing tools and Cortex XDR to investigate logs to find solutions to blue team problems.

## PROJECT

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[Odisea](#) – Find diving and surfing website

Project Manager & Full Stack Developer

- Lead a developer team at a university to develop a website for finding diving and surfing locations all over the world using the Software Development Life Cycle (SDLC) and Agile.
- Design a system architecture and use Azure for development. For the host project, we use Azure app service, which uses an image container from Container Registry. In addition, Azure Database is used for PostgreSQL database, and Firewall rules are implemented to allow IP addresses access.
- Express.js RESTful API Design and Development In addition, I'm learning how to use Jest for unit testing and Postman for integration testing.
- Developing a frontend website with React and Redux and managing state with React.
- Using Azure DevOps to automate the deployment of container web app ci/cd pipelines to Azure app services.
- Auditing and improving security scores using Azure Defender for Cloud and Azure Security Benchmark. In addition, I improve my secure score to 38 out of 51.

[Otataxinfo](#) – Tax management system

Project Manager & Full Stack Developer

- Our team provided a solution to OUNTHANAT ACCOUNTING
- Interview with clients to gather business requirements that will be used in the software analysis process.
- Understand the workflow and pain points of clients who are using an old – in real scenarios.
- Lead a developer team at a university to develop a website for finding diving and surfing locations all over the world using the Software Development Life Cycle (SDLC) and Agile.
- Learning how to produce professional documentation such as system manuals and user manuals. When developing software, we must not only code but also produce documentation.

[Git101 and GitHub](#)

Write an article about git fundamentals and tutorial how to use git integration with GitHub, this article reaches students and developers who are interested in git more than 1,500+ views that can help them improve their skill and knowledge about git.

## Speaking

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### Deploy static web to Azure Static Web Apps

- [Event Speakers Promote Poster](#)

### To Be Microsoft Certified – Hosted by Spark Tech Thailand and Thailand Community Leaders

- [Registration Page at Eventpop](#)

### Imagine Cup 2022 APAC Bootcamp – Hosted by Microsoft APAC

- [Event Promote Poster](#)

### DS Cyber warfare – Hosted by Bangkok University

- [Event Speakers Promote Poster](#)

## LICENSES & CERTIFICATIONS | [See All Digital Badges](#)

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### Microsoft Certified: Azure Security Engineer Associate

Microsoft

Issued: August 2021 | Expires : August 2022



### Microsoft Certified Trainer

Microsoft

Issued: August 2021 | Expires : August 2022



### Microsoft Certified: Security, Compliance, and Identity Fundamentals

Microsoft

Issued: October 2021



### Microsoft Certified: Azure Fundamentals

Microsoft

Issued: July 2021



### Microsoft Certified: Azure Data Fundamentals

Microsoft

Issued: January 2022



### Microsoft Certified: Azure AI Fundamentals

Microsoft

Issued: January 2022



### Oracle Cloud Infrastructure Foundations 2021 Associate

Oracle

Issued: January 2022



### Microsoft Certified: Power Platform Fundamentals

Microsoft

Issued: February 2022



### EC-Council Certified Security Specialist | ECSS

EC-Council

Issued: June 2022



### CompTIA Security+

CompTIA

Issued: September 2022



## ADDITIONAL INFORMATION

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- GitHub : <https://github.com/iiiceburg>
- Tryhackme : <https://tryhackme.com/p/astra2000>
- Credly : <https://www.credly.com/users/peeranat-ounhanan>