

# Jonathan Kyaw

LinkedIn: [Aung Soe Kyaw](#)

## Professional Summary

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Experienced Software Engineer with hands-on expertise in web development and secure application development, demonstrated through a proven track record of developing secure, scalable web applications utilizing component-driven architecture and modern frameworks including React, NextJS, and T3 stack.

Currently seeking junior software engineering or internship opportunities to leverage technical skills and passion for developing innovative solutions while collaborating with cross-functional teams to deliver high-quality software products that drive user engagement and business growth.

## Technical Skills

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Programming Languages: **JavaScript, Python, HTML/CSS**, rust (intermediate experience), C# (prior experience)  
Frameworks & Libraries: **NextJS, ReactJS, NodeJS**, WordPress, .NET (prior experience)  
Databases & Cloud: MongoDB, PostgreSQL, AWS (EC2, S3), Azure  
Tools & Platforms: **Git**, Vercel, AdobeXD, Unix (prior experience)

## Professional Experience

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### Software Engineer Intern

**Oct 2025 – Present**

*Roobuck, Sydney, Australia*

- Improved existing IoT device management software by developing new features for extracting and importing device details, configurations, and network information in JSON and CSV formats
- Built full-stack application using Node.js, Express, React, and PostgreSQL with Docker containerization for deployment
- Implemented WebBLE (Web Bluetooth) API integration for seamless connectivity between web applications and IoT Bluetooth devices
- Developed improved NFC communication features in Rust and JavaScript project to streamline data writing operations with support for multiple record types

### Web Developer Intern

**Oct 2025 – Jan 2026**

*Foresight Analytics, Sydney, Australia*

- Maintained and enhanced company website and application features, responsible for creating new functionality to improve user experience
- Revamped multiple web pages to increase user experience, enabling easier navigation and reducing loading time by 20-25%
- Designed website logo and branding materials for subsidiary company (forelytics.in)

### Junior Front End Developer and UI/UX Designer

**Apr 2022 – Dec 2023**

*Evaheld, Sydney, Australia*

- Contributed to front-end development and migration of a legacy Laravel application to T3 stack application, improving page load times by 30%
- Achieved **T3 stack proficiency** through accelerated **4-week learning process involving daily code reviews** with senior engineers
- Built and documented **over 20 reusable UI components** with Next.js and Tailwind, reducing new feature implementation time by 40%
- Partnered with cross-functional teams including designers, backend engineers, and product managers to deliver feature specifications
- Redesigned core product interfaces resulting in 25% improvement in user engagement metrics
- Performed code reviews and upheld quality standards through established best practices and coding conventions, with continuous feedback from senior staff

- Developed and maintained a company-wide design system using Adobe XD, reducing design-to-development time for the design team significantly
- Facilitated research sessions with team on customer feedback, launching 10 requested features that drove customer satisfaction up by 40%
- Built interactive prototypes and detailed visual designs for stakeholder presentations and user testing sessions

### Software Engineering Intern

Nov 2021 – Feb 2022

*Optik Engineering Consultancy, Sydney, Australia*

- Managed a team of 6 engineers, delivering several projects on time and under budget
- Contributed to migration of medical software from vanilla JavaScript to React framework for better optimization using cornerstone JS, medical imaging software library
- Conducted weekly progress meetings with internal stakeholders and provided detailed project status reports to supervisors
- Developed comprehensive project documentation and progress summaries for management review and decision-making

### Certification

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eJPT - Junior Penetration Tester

DP-900 - Microsoft Certified: Azure Data Fundamentals

### Education

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#### University of Technology Sydney

Master of Cybersecurity

2025

- Recent graduate with Distinction Average (75.1 WAM)
- Research Project: AI-Driven Network Intrusion Detection Software

#### University of Technology Sydney

Bachelor of Software Engineering

2023

- Division 1: First Class with Distinction Average (78.66 WAM)
- Research Project: [Online Code Analysis Tool for C programs outputting statistics and graph analysis](#)

### Portfolio and Projects

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**Personal Portfolio:** <https://www.aungsoekyaw00s.dev>

Personal Projects written using NextJS, JavaScript, Tailwind CSS and third-party APIs

#### **UTSMSA (2025). Interactive Page for UTS Myanmar Student Club at ActivateUTS.**

- NextJS Project focusing on the user interface to show more insights of UTS Myanmar Student Association
- Technologies: Next.JS, Tailwind CSS, NodeJS

#### **WebSVF (2022). Online Code Analysis Tool for C programs outputting statistics and graph analysis.**

- Took part in development and deployment of the full stack web application using [Static Value-Flow Analysis Framework for Source Code](#)
- Technologies: C#, .Net, Angular JS, AWS EC2

### Interpersonal and Business Skills

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Leadership, Collaboration, Mentoring, Communication, Research, Stakeholder Management

Project Management, Process Optimization, Performance Analysis, Team Coordination, Strategic Planning

### Reference

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Available upon request