
MIN THANT WAI

SOFTWARE ENGINEER

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minthantwai.pages.dev

About

MSc Software Engineering student at Asia Pacific University with a strong foundation in Java, Python, C#, and web development. Skilled in risk data analysis, customer service, and IT support, with hands-on experience in AI hackathons (AWS AI chatbot) and software projects. Motivated to apply problem-solving, adaptability, and technical skills in real-world software engineering environments.

Education

MSc in Software Engineering

Asia Pacific University

Expected Jan 2026

Relevant modules: Software Quality Engineering, Managing Software Development Projects, Object Oriented Systems Engineering, Internet Applications, Security Technologies, Reliability Management, Data Management, Natural Language Processing

Bachelor of Arts (Psychology)

Yadanabon University, Mandalay

Completed 2017

Completed a degree in Psychology with a focus on understanding human behavior, mental processes, and decision-making. Gained insights into how individuals think, feel, and interact in different contexts, including stress management, emotional regulation, and social relationships. This background has strengthened analytical skills, problem-solving ability, and interpersonal communication, all of which are valuable in both professional and everyday settings.

Soft Skills

Problem-solving and analytical thinking

Adaptability and continuous learning (MSc focus: Software Quality Analysis, Project Management, Natural Language Processing, Reliability, Data Management)

Effective communication and teamwork

Attention to detail in data and software quality

Customer service and stakeholder engagement

Project planning and documentation

Technical Skills

Frontend: HTML5, CSS, Bootstrap, JavaScript

Backend: Python, Java, C#

Databases: Database maintenance, SQL, data interpretation

Cloud & AI: AWS AI Services (chatbot, NLP, hackathon project)

Software Development: Object-Oriented Programming, debugging, testing, deployment

Tools: Technical documentation, project planning, Agile

Portfolio & Profiles

<http://minthantwai.pages.dev>

<https://www.linkedin.com/in/minthant-wai-650194348/>

<https://github.com/Derek-Min>

Professional Experience

Customer Service

Grand Gurdian Insurance Co., Ltd

Jan 2019 – Dec 2019

- Delivered client support, resolving issues and building customer trust.
- Assisted in sales support and service-related communications.

Senior Underwriter

Grand Gurdian Insurance Co., Ltd

Dec 2019 – Dec 2022

- Evaluated insurance applications and set policy conditions and premiums.
- Balanced risk exposure with coverage approval.

Data Collector

Grand Gurdian Insurance Co., Ltd

Dec 2022 – Mar 2024

- Collected and organized risk-related data to support underwriting decisions.
- Ensured accuracy in client, property, and claims information for risk assessment.

Nationality

Myanmar

Work Authorization

Requires visa sponsorship

Languages

- Burmese
- English

Academic Project Experiences

Serena's Souvenir Sanctuary (E-commerce Web App)

ASP.NET (C#), Bootstrap 5, HTML5/CSS3, Microsoft SQL Server

- Built a full-stack souvenir shop with product catalog, cart, checkout, and role-based auth (Guest/Customer/Admin).
- Implemented My Orders (view/print/cancel) and Admin dashboards: order logs, filterable reports (date/status) with CSV export.
- Designed SQL schema and server-side validation; responsive UI with Bootstrap; optimized routing & static assets.
- Screens: Home, Products, My Orders, Feedback (search), Admin Reports.

Shield AI Assistant (Hackathon Project)

Python (Flask), MySQL (managed with MySQL Workbench), AWS Bedrock, HTML/CSS/Bootstrap, JavaScript

- Implemented a life-insurance chatbot that answers policy FAQs using AWS Bedrock LLM inference (boto3), with prompt templates and guardrails.
- Stored FAQs, user sessions, and chat logs in MySQL; added simple analytics for conversation stats.
- Built a clean Bootstrap UI with session handling and error fallbacks; packaged for quick demo.