

Priscilla Celine Setiawan

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EDUCATION

Nanyang Technological University (NTU), Singapore

Aug 2021 – May 2025

Bachelor of Computing (Honours), Computer Science

- **ASEAN Undergraduate Scholarship** (2021 – 2025)
- **Ministry of Education (MOE) Tuition Grant** (2021 – 2025)
- **Relevant Courses:** Data Structure & Algorithm, Object Oriented Programming, Operating System, Software Engineering, Computer Networks, Data Analytics & Mining, Machine Learning, Neural Networks & Deep Learning, Artificial Intelligence

PROFESSIONAL CERTIFICATION

- Google IT Automation with Python, Google Business Intelligence, Google Project Management, and Google UX Design

SKILLS

- **Programming Language:** C, Python, Java, JavaScript, TypeScript
- **Software Development tools:** Figma, ReactJS, React Native, Next.js, Express.js, Postman, MySQL, MongoDB, PostgreSQL, Firebase
- **DevSecOps tools:** GitHub Actions, AWS, Kubernetes, Grafana, Datadog, Terraform, Docker, Linux, Bash scripting
- **Languages:** English (Professional work), Indonesian (Native)

INTERNSHIP EXPERIENCE

minden.ai

Jan 2024 – Aug 2024

DevSecOps Engineer, Intern

- Led the migration from Dependabot to RenovateBot across 150 repositories by automating the process with **Bash scripts**, reducing manual updates by 90% and ensuring efficient dependency management
- Developed **Datadog** dashboards to enhance infrastructure and security monitoring, reducing incident detection time in the Kubernetes cluster
- Automated the deployment and CI/CD workflows for infrastructure components using **Terraform** and **GitHub Actions**
- Optimized **AWS EC2** instance types using AWS Cost Explorer and CloudWatch, cutting operational cost by 15%

Hydra X

Nov 2022 – Jan 2023

DevOps Engineer, Intern

- Developed **Grafana** dashboards integrated with **Prometheus** for real-time Kubernetes monitoring, ensuring proactive system health checks and enhanced uptime
- Automated Grafana dashboard migration and user onboarding with **Python** scripts to reduce setup time
- Conducted a proof of concept using **AWS SDK** to assess cloud-based scalability and automation, enabling informed decision-making on cloud adoption

PROJECT WORK

Final Year Project – Life-Long Learning App

Aug 2024 – Present

- Designed and implemented an AI-driven recommendation systems leveraging **Neo4j** database
- Developed a chatbot with **Azure OpenAI** to provide real-time course guidance and personalized learning support
- Developed a scalable **Next.js** and a **Node.js & Python FastAPI**, integrating Firebase for seamless data management

Software Engineering Project – Mobile App

Jan 2023 – April 2023

- Developed and implemented a mall-based recommendation engine using **React Native** and **ExpressJS**
- Built a real-time data pipeline using **Firebase** for seamless synchronization and leveraged Scrapy web crawlers for automated mall data collection
- Led a 5-person development team through complete SDLC using agile methodologies, managing requirements gathering, sprint planning, code reviews, and deployment while delivering all features within a constrained 10-week timeline

School Orientation Website

Aug 2022 – Aug 2024

- Developed the frontend for an orientation website using React.js and **Tailwind CSS**, optimizing UX for 200+ users
- Designed UI/UX wireframes and set up the project infrastructure for a scalable development process, enabling collaboration among 10 developers
- Implemented a booking and payment system using **Stripe API** and **MongoDB**, supporting real-time availability updates

NTU Product Management Club, Participant

Jan 2024 – March 2024

- Completed an intensive 8-week product management course led by industry experts, mastering key concepts such as user journey mapping, prototyping, user interviews, PRFAQ, A/B testing, product metrics, and PRD creation
- Achieved 1st place in the internal product challenge (IPC) by developing a solution for NTU's course planning system, implementing algorithms that reduce semester scheduling time from 1 hour to 10 minutes

29-Aug-2024

To whom it may concern,

I had the pleasure of directly mentoring Priscilla during her internship with minden.ai and I am delighted to share my endorsement of her skills and work ethic. From day one, Priscilla demonstrated dedication and a genuine passion for her role.

Throughout her internship, Priscilla consistently went above and beyond expectations. Her eagerness to learn and her proactive approach to tackling challenges were evident in every task she undertook. She made significant contributions to our DevSecOps workflows and processes, and her efforts have already begun to yield positive results. Even after her departure, we continue to appreciate and benefit from the tools and processes she helped develop.

One of Priscilla's standout qualities is her ability to absorb and apply new knowledge quickly. She embraced complex concepts with enthusiasm and showed impressive growth over the 8 months she was with us. Her work ethic, combined with her technical acumen, made her an invaluable asset to our team.

Sincerely

Adi Paramkusam

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