# Ng Kok Jing

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## EDUCATION

**Singapore Management University**                                                                 Singapore
*Bachelor of Software Engineering*                                          *Expected Graduation,* June 2028

- Cumulative GPA: 3.54 /4.0 (Cum Laude)
- Teaching Assistant - COR-IS1704 Computational Thinking and Programming (Python)
- Teaching Assistant - IS115 Algorithms and Programming
- Ellipsis Code#25 - Top 50

## EXPERIENCE

**Incoming Software Engineer Intern**                                           June 2025 - August 2025
*Infosys Limited*                                                                          *Bangalore, India*

**STEM Instructor**                                                              March 2025 - Present
*The Brainery Code*                                                                          *Singapore*

- Deliver engaging STEM lessons to classes, teaching coding platforms like **Scratch**, **Minecraft Education**, **LEGO robotics**, and **Python fundamentals** to enhance creativity and problem-solving skills.
- Led interactive STEM projects, engaging students in hands-on coding that built problem-solving, critical thinking, and teamwork through creative, structured challenges.

**Pre-Admissions Coordinator**                                                February 2024 - June 2024
*Singapore Institute of Management*                                                          *Singapore*

- Validated **500**+ student applications, ensuring **over 90%** accuracy by cross-referencing data with supporting documents, leveraging **Salesforce CRM** to maintain applicant data.
- Verified **300**+ documents using platforms like **Zoom**, **ICA**, **OpenCerts**, and **CBSE**, identifying and escalating **3 cases** of fraudulent submissions.
- Collaborated with internal teams to resolve discrepancies and complex application issues, ensuring timely communication and adherence to application deadlines.

## TECHNICAL PROJECTS

**Automated Email Reminder** | Personal Project

- Built an email reminder system using **smtplib**, **email**, **datetime** libraries for scheduling and secure email delivery.
- Designed **logging** systems to track email delivery and errors, ensuring reliable troubleshooting.
- Integrated **CI/CD** pipelines with **GitHub Actions**, **YAML**, and **cron jobs** for secure automated deployment.

**GPA Report Generator** | Personal Project

- Built a Python script to calculate GPA and generate detailed PDF reports with use of the **reportlab** library.
- Added email support via **smtplib** to deliver GPA reports, simplifying academic tracking and sharing.
- Wrote unit tests with **unittest** to validate GPA calculations and data handling, ensuring reliability and accuracy.

## SKILLS & CERTIFICATIONS

**Languages:** Python, Go, C++, Javascript, HTML, PHP

**Frameworks:** Tailwind CSS, Gin, Fiber

**Tools and Technologies**: Git, Docker, MySQL, WampServer, Vite

**Certifications:** Google IT Automation with Python Professional Certificate, Docker Foundations Professional Certificate