

Chelsea Ng

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Jakarta, Indonesia

I'm an enthusiastic problem-solver with a passion for continuous learning and a strong sense of perseverance. I thrive in dynamic environments, tackling challenges head-on while staying committed to personal and professional growth.

Education

BINUS University - Jakarta, Indonesia
Bachelor Degree in Computer Science

Jul 2022 - Present

Work Experience

Dattabot - Contract
Data Research Intern

May 2024 - Present

- Conduct research on algorithms that can be applied to meet specific industry needs and requirements, followed by developing and testing proof of concepts (POC) to evaluate their potential applications and effectiveness during user acceptance testing (UAT).
- Conducted comparative performance analysis across multiple technologies.
- Obtained necessary data by querying and processing data sources to meet industry requirements.
- Researched blockchain technology for potential applications, primarily in agricultural industry projects.

Tech Stack: Python, Neo4J

IT Division Bina Nusantara - Contract
Software Engineer

March 2023 - Feb 2024

- Implement Services and BLOC Unit, Integration Testing up to UAT (User Acceptance Level).
- Optimised rendering and loading process for dynamic content by integrated data querying into the Flutter-built website.
- Developed new API features along with business logic with dynamic LINQ queries.
- Implement API Services Unit Testing.
- Designed Entity Relationships Diagram (ERD) and migrated data in MsSQL Server with the project manager.

Tech Stack: ASP.NET with Entity Framework Core, Flutter, Azure DevOps, MsSQL

Organizations

BINUS Computer Club
Flutter Mobile Development Teacher

May 2024 - Present

- Developed a learning module for Flutter mobile development with Firebase, including a detailed Course Outline (CO) and clear learning outcomes (LO) for 13 sessions.
- Taught mobile development with Flutter frameworks, covering topics such as basic Dart programming language, Flutter architectural overview, widgets and widget lifecycle, for over 100++ participants.
- Taught version control system concepts using Git for Praetorian (teacher on LnT Class).
- Graded midterm and final projects.

Tech Stack: Flutter, GIT

Java Development Teacher

Dec 2023 - May 2024

- Teach Object-Oriented Programming concepts, such as Abstraction, Encapsulation, Inheritance, and Polymorphism, over 13 sessions.
- Developing a GUI application for e-commerce utilizing a MySQL database.
- Graded midterm and final projects.

Tech Stack: Java, MySQL, GIT

Projects

Libeery App - Software Engineering Project | Project Link: [API](#) | [APP](#)

- Served as Scrum Master, with key responsibilities including code reviewing for PRs, facilitating meetings and pair programming sessions, and conducting knowledge sharing within the team.

- Designed and implemented key functionalities for both the API and the front-end.
- Deployed the API.
- Documented both the API and the application.

Tech Stack: Golang, Flutter, GIT, Azure DevOps

Preform Mobile App - Imagine Cup Microsoft Competition 2024 | [Project Link](#)

- Scrum Master of the team
- Developed the core features to talk with AI as an interviewer using Deep Fake and Open AI API
- Developed the user interface with flutter
- Deploying the AI Flask API on Azure DevOps.

Tech Stack: Python, Flutter, GIT, Jira, OpenAI API, Azure DevOps

Honours & Awards

- **Top 5 Finalist Digital Empowerment Track - HACKJAKARTA 2024**
- **Semi-Finalist - Microsoft Imagine Cup 2023**