Justine Winata

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EDUCATION

BINUS University   West Jakarta, Jakarta
Bachelor of Computer Science   *Aug. 2021 – Aug 2025*
- Published paper on Tenokrat Indonesia University, "Analysis ChatGPT Potential: Transforming Software Development with AI Chat Bots".
- 3rd Winner BINUS Innovation Award Competition for Automated Database Grading System.

PROFESSIONAL EXPERIENCE

Laboratory Assistant   Feb 2022 – Jan 2023
BINUS University   *West Jakarta*
- Teach 7 - 10 classes every semester.
- Make practicum exam cases.
- Conduct a Test Progressive Assistants (TPA) including Game Development using Unity, Desktop Application using ReactJS + Electron, Web Development using ReactJS + Go + PostgreSQL, Mobile Development using Kotlin + Android Studio, and Networking using Nginx + Ubuntu Server + Docker + Cisco Packet Tracer.
- Best performing assistant on Odd Term of Year 2022 – 2023.
- Best Test Progressive Assistants (TPA) performing assistant.
- Develop web-based application for New Assistant Requirement using ReactJS and Firebase.

PPTI Teaching Assistant   Mar 2022 – Aug 2022
Bank Central Asia   *Sentul, West Java*
- Teach User Experience and Android Development.

Academic Development Officer   Feb 2023 – Feb 2024
BINUS University   *West Jakarta*
- Teach and develop Laboratory Assistants.
- Teach deep learning courses for 1 semester.
- Do research for improving academic system on Bina Nusantara.
- Develop web-based application for Managing Academic System using ReactJS and Laravel.
- Develop web-based application for Managing Assistant Schedule using Svelte and ExpressJS.

Software Engineer (Part Time)   July 2023 – Present
The Questlabs ID   *Remote, Indonesia*
- Identified user pain points and provided effective software solutions, and implementing them successfully.
- Frontend Engineer on web-based application for market management system using ReactJS.
- WordPress Developer on a web-based application for a content management system for automotive equipment commerce.
- Create more than 10 custom WordPress plugins based on the client's requirements.
- Frontend Engineer on web-based and mobile application for Human Resource Information System using React.

Software Engineer   March 2024 – Present
The Software Practice Pte.Ltd   *Remote, Singapore*
- Hands-on experience on Singapore Government's web-based project using .NET.
- Applied unit testing using C# and MOQ Framework.
- Fixed any provided bugs ticket and developed new features.
- Implemented serverless solutions using AWS Lambda and storage with AWS S3 buckets.
- Leveraged Docker to containerize Backend for easy development and scalability.

Achievement

5th Web Technology Competition September 2022

Ministry of Manpower Indonesia *Indonesia*

- National competition selection to be participated on Asean Skill Competition XXIII, asked to create various modules, including a session on Laravel (backend) + ReactJS (frontend) development, game creation using HTML Canvas, speed coding in HTML, CSS, PHP, and JavaScript, and utilizing WordPress for CMS development.

1st Web Development Competition May 2023

University of Tarumanegara *Indonesia*

- Create healthcare web-app with forum and doctors Features, using ReactJS, Lottie, ExpressJS, PostgreSQL, and Flask. The web also includes diabetes detector with random forest classification.

Top 10th Hackathon June 2023

University of Bina Nusantara *Indonesia*

- Create a banking application web-app and solved recurring loan request issues using Logistic Regression AI. Our technology stack included ReactJS, Lottie, and Django.

Finalist AI Inovation Challenge September 2023

University of Indonesia *Indonesia*

- Create diagnose application web-app, utilizing a DCNN ResNet model for skin disease detection, SVM for Parkinson's detection, and Neural Network ANN for common diseases (such as diabetes, mental health, etc.) detection.

5th Landing Page Competition October 2023

University of Muhammadiyah Surakarta *Indonesia*

- Create web-app to showcase Indonesia's diverse culture and natural beauty. The web features an interactive map with a player interface, designed using HTML5 Canvas, allowing users to explore Indonesia's cultural richness. You can view it here: fostifest.netlify.app

3rd Frontend Development Competition October 2023

Algobash *Indonesia*

- Completed ReactJS memory color game project within 30 minutes, exceeding expectations and demonstrating efficient problem-solving skills during a 2-hour challenge.

1st Frontend Web Development Competition March 2024

University of Gunadarma *Indonesia*

- Create a visually engaging website with proper UI using ReactJS and ThreeJS, showcasing the rich history of Indonesia.

2nd Blockchain Codefest Hackathon March 2024

Codefest *Indonesia*

- Created a web-based application on top of the ICP network. The website is about fundraising and donating with coins to ensure transparency and secure payments.

3rd Garudahacks Hackathon April 2024

Garudahacks *Indonesia*

- Secured 3rd place and won the Top Wolfram Award among 364 participants with Handy, a gamified app for learning sign language.
- Utilized real-time AI to analyze sign language in video, enhancing interactivity and learning efficiency.

Technical Skills

Languages: PHP, Flutter, Javascript, Typescript, Go, Kotlin, C, SQL, Java, C++, C#, Python, GO
Frameworks: ASP.NET, Svelte, Laravel, ExpressJS, ReactJS, GraphQL, Node.js, Flaskk
Database: MySQL, PostgreSQL, T-SQL, NoSQL, MongoDB, Firebase
Cloud: Azure, AWS
AI: Machine Learning, Deep Learning
Networking: Ubuntu Server, Windows Server