Ricky Chandrean

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Ambitious IT graduate from President University with a GPA of 3.85/4.0, specializing in web development while continuously expanding knowledge in cybersecurity, and data analytics. Proficient in modern technologies such as HTML, CSS, JavaScript, PHP, MySQL, and Java. Experienced in delivering high-quality software solutions, optimizing web applications, and enhancing security protocols. Enthusiastic about leveraging technical skills to solve complex problems and contribute to innovative tech solutions.

Work Experience

Savant Degrees   Jakarta, Indonesia
Software Developer   Septembter- Now
Savant Degrees is a leading innovation studio that helps you stay ahead by designing digital products that are strategically aligned to your business goals.
- Designed, developed, and enhanced features for digital products based on detailed user requirements and assigned tickets.
- Collaborated closely with cross-functional teams to ensure seamless feature implementation, aligning with both client expectations and business goals.
- Performed comprehensive testing and debugging to deliver high-quality, functional, and reliable software.
- Created and maintained clear, structured documentation for code changes and updates, promoting transparency and effective project communication.

PT. Bank Central Asia. Tbk   Jakarta, Indonesia
Internship as an IT Security Intern   February-August 2024
Bank BCA is a leading financial institution in Indonesia, known for its comprehensive range of banking services across various sectors. Renowned for its commitment to innovation and security, Bank BCA excels at providing reliable financial solutions and safeguarding customers' assets against digital threats.
- Developed and implemented 8 web features focused on cybersecurity to enhance internal operational efficiency.
- Collaborated with teams to support ongoing projects, provide technical assistance, and troubleshoot issues effectively.
- Resolved technical challenges in web development projects to maintain smooth functionality and minimize downtime.
- Conducted rigorous testing and debugging of web applications to ensure reliability, functionality, and security compliance.

Deloitte Konsultan Indonesia   Jakarta, Indonesia
Internship as a Cyber Identity Intern   August-December 2023
Deloitte Indonesia is a prominent leader among the Big Four firms, providing comprehensive professional services across various industries. Renowned for its expertise in cybersecurity, Deloitte excels at fortifying businesses against digital threats.
- Designed and executed MySQL queries to consolidate data from multiple sources into a unified report, significantly enhancing data accessibility and usability.
- Developed and optimized JMeter scripts for load and stress testing, ensuring system reliability with an error rate consistently below 1%.
- Created and implemented JavaScript scripts to seamlessly integrate new data into the database, streamlining data management processes.
- Built and deployed a deployment automation script, reducing deployment errors by 20% and improving deployment efficiency.

EDUCATION

President University   Cikarang, Indonesia
Teknik Informatika   August 2021-Dec 2024
Cumulative GPA: 3.85/4.0
Relevant Coursework: 3D Computer Graphics and Animation; Software Engineering; Data Structure and Algorithms; Artificial Intelligence; Computer Networks; Network Security; Object-Oriented and Visual Programming
- Earned a scholarship from a high school report card with a semester fee discount of 75%.

PROJECTS

Kos Bujang Boarding House Web | Group Project as Group Leader   Sep-Dec 2022
A web application made with PHP for boarding house management system.
- Built a web-based booking system, integrating client and admin interfaces, improving booking efficiency by 50%.
- Led a team of two and also played a key role in designing both the admin page and client page.
- Developed a user-friendly UI for admin pages and client pages using PHP, Bootstrap, CSS, and JavaScript.
- Created payment invoices as PDF files using TCPDF.
- Implemented authentication for the client login page.
- Created an interconnected system from the client page and admin page.

Online Clinic | Individual Project   Sep-Dec 2022
A medical e-commerce application for Android developed using Android Studio.
- Developed an online clinic application. Where the user can login, consult a doctor, check medicine, and add medicine to the cart.
- This application is based on the Halodoc application.

Aplikasi Jadwal | Individual Project   July 2023
A simple web application made with ASP.net for class schedule
- Implemented full create, read, update and delete (CRUD) operations, optimizing data management

Smart Weather IOT | Group Project as Group Leader   Feb-May 2023
IOT weather detection with Arduino UNO
- Successfully created a rain sensor, light sensor, temperature, altitude, and pressure sensor.
- Successfully created an interconnected sensor system and outputted a notification from the various imputed sensors.
- Successfully created a UI for Android with a Blynk application.

Horror Game | Group Project as Member   Feb-May 2023
3D horror game made with Unity
- Implemented advanced features like looting and light-switch systems, enhancing gameplay dynamics.

3D MONSTER ANIMATION | Group Project as Group Leader   Sep-Dec 2022
3D animation made with Blender
- I spearheaded a team of three members to create a captivating extraterrestrial character for our final project.
- Utilizing sculpting features of Blender, such as Draw, Draw Sharps, Inflate, Snake Hook, and Elastic Deform.
- Our hard work and dedication paid off, as we earned a remarkable final score of 91/100 (A) in the 3D Computer Graphics and Animation subject.

ORGANIZATIONAL EXPERIENCE

KMB Ashokavardhana   Cikarang, Indonesia
Member of Documentary and Design   Jun-Dec 2022
- Designed the logo for the event.
- Designed the paid promotion and questionnaire services for Instagram stories and posts.
- Designed a coming soon post for the event.
- Designed a certificate for the committee.

CERTIFICATES
- Advanced Web Programming, Udemy, July 2023

Continuous Learning

- Kursus HTML & CSS, Progate, September 2020
- Cloud Practitioner Essentials (Belajar Dasar AWS Cloud), Dicoding, May 2023
- Belajar Dasar Pemrograman JavaScript, Dicoding, June 2023
- Belajar Membuat Aplikasi Back-End untuk Pemula, Dicoding, June 2023

TECHNICAL SKILLS

Languages: English (Fluent), Indonesian (Native)
Applications: Visual Studio Code, Git, XAMPP, Visual Studio, Cisco
Programming Languages: HTML, CSS, PHP, JavaScript, C, C++, C#, Java, Python, Firebase, MySQL, Groovy, Freemarker
Frameworks & Tools: ASP.NET, Laravel, PhpMyAdmin, Blender, Figma, Bash, JMeter