

# Ricky Chandrean

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Jakarta, Jawa Barat, Indonesia

IT graduate from President University, I am eager to begin my career in software development. I have strong expertise in web development technologies such as HTML, CSS, JavaScript, PHP, MySQL, and Python. My passion lies in building and optimizing web applications while continuously expanding my knowledge of data analysis with Python. I am enthusiastic about applying my skills in a professional environment, collaborating with dynamic teams, and contributing to innovative technology solutions.

## Work Experience

### Deloitte Konsultan Indonesia

Jakarta, ID

Internship as a Cyber Identity Developer

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.

- Developed a MySQL query that consolidated data from different sources into a single report, improving data accessibility.
- Developed a load testing script with JMeter.
- Developed a stress testing script with JMeter.
- Developed a JavaScript script to integrate new data into the database.
- Developed a shell script for deployment to minimize errors.

### PT. Bank Central Asia. Tbk

Jakarta, ID

Internship as an IT Security Intern

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 8 features.
- Collaboration and support for ongoing projects and troubleshooting issues.
- Troubleshoot and resolve issues related to web development projects.
- Conducted testing and debugging of web applications to ensure functionality and security.

## EDUCATION

### President University

Cikarang, ID

Teknik Informatika

August 2021 - Present

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%.
- Good GPA starting from first to the recent semester (ninth), with a GPA score of 3.85 out of 4.0
- Executed eight group projects in the class. Collaborate with up to 20 members in a group.

## PROJECTS

### Aplikasi Jadwal | Individual Project

July 2023

Web application with ASP.NET

- Successfully connected the data with the SQL Server Management Server (SSMS).
- Successfully implemented CRUD operations in SQL for efficient data management.
- Successfully created connected data between each table (schedule, lecturer, major, subject)
- Successfully created simple authentication from the data in the user table.

### Horror Game | Group Project as Member

Feb-May 2023

3D Game with Unity

- Successfully created a chest and content system.
- Successfully created a key and looting system.
- Successfully created a light, switch, and flickering lamp system.

### **Smart Weather IOT | Group Project as Group Leader**

Feb-May 2023

IOT with Arduino Uno

- Successfully created a rain sensor with an Arduino Uno rain sensor.
- Successfully created a light sensor with a LDR sensor.
- Successfully created a temperature, altitude, and pressure sensor with a BMP 180 sensor.
- Successfully created an interconnected system and outputted a notification from the various imputed sensors.
- Successfully created a UI for Android with a Blynk application.

### **3D MONSTER ANIMATION | Group Project as Group Leader**

Sep - Dec 2022

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.

### **Kos Bujang Boarding House Web | Group Project as Group Leader**

Sep - Dec 2022

A web application made with PHP

- 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.
- Implemented tables and search functionality for effective data display and management.
- Implemented CRUD operations in SQL for efficient data management.
- 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

Android applications made with Android Studio

- Developed an online clinic application. Where the user can login, consult a doctor, check medicine, and add medicine to cart.
- This application is based on the Halodoc application.

### **E-Band UI/UX | Group Project as Member**

Nov 2021

UI/UX

- I collaborated with five other members to make the UI/UX of an e-payment that can be used to make a transaction through a wristlet.
- Developed 3 themes of UI/UX for the top-up method

## **ORGANIZATIONAL EXPERIENCE**

### **CSGO 2023 (COMPUTING SPORT AND GAMES OLYMPIAD)**

Bekasi, Indonesia

Member of Division Games Mobile Legends

Jan 2023 – Feb 2023

- Collaborated with the other 5 members to prepare games by assigning tasks to each member and constantly checking their work.
- Supervised the tournament with a total of 10 teams with 5–7 players each by working with the broadcast division to put the livestream on Youtube.

### **PU IDOL 2022 (PRESIDENT UNIVERSITY IDOL)**

Bekasi, Indonesia

Member of Ticketing Division

Oct 2022

- Collaborated with four other members by brainstorming how to sell tickets for this event.
- Successfully sold the ticket to up to 50 people.

### **KMB Ashokavardhana Birthday 2022**

Bekasi, Indonesia

Member of Documentary and Design

Sep – 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.

### **KMB Ashokavardhana Welcoming Day 2022**

Member of Documentary and Design

Bekasi, Indonesia

Jun – Sept 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.

### **OPEN DONATION PROJECT GEMA INSAN AMANAH ORPHANAGE**

Secretary of The Social Project

Bekasi, Indonesia

Jun 2022 –July 2022

- Created a proposal for this project to the school.

### **CERTIFICATES**

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- 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
- Advanced Web Programming, Udemy, July 2023

### **TECHNICAL SKILLS**

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**Languages:** English, Indonesian

**Applications:** Visual Studio Code, Git, XAMPP, and Visual Studio

**Relevant Skills:** HTML, CSS, PHP, Javascript, C, C++, C#, Java, UI/UX, ASP.NET, Python, Firebase, MySQL, Blender, Figma, Cisco, PhpMyAdmin, bash, Jmeter.