

# NORDIANA SAHIRA BINTI NORIZAN

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## SUMMARY

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I am a recent graduate with a degree in Information Systems Engineering, passionate about systems and related fields. Adept at crafting robust and scalable web applications and committed to developing innovative solutions that elevate user experiences and drive business growth. Driven by continuous learning and a collaborative spirit, I am eager to gain more experience and contribute to impactful projects.

## WORKING EXPERIENCE

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**Jabatan Perangkaan Malaysia Negeri Johor**  
Personel MySTEP (E19)

*Johor Bahru, Johor*  
*August 2024 – Present*

- **Capturing data accurately.** This involves using tools or devices to record data in real-time, ensuring that data entry is precise and consistent.
- **Collecting data on-site through field surveys.** Involves physically visiting various locations to gather primary data.
  - Manage conducted interviews with farmers or observed agricultural processes firsthand, ensuring that all necessary data points were collected for the census.
- **Conducting quality reviews in the field and checking data forms.** This task focuses on ensuring that the data collected is correct and follows specified standards. You would have reviewed forms for missing or incorrect information, conducted spot checks on data quality, and made necessary corrections to maintain reliability.

**Perbendaharaan Negeri Johor**  
Tech Intern

*Iskandar Puteri, Johor*  
*March 2024 – July 2024*

- **Developing the front end of the club system** involves using PHP, HTML, CSS, and phpMyAdmin to create an interface where users can view group marks and admins can log in to manage these marks.
  - This includes setting up a **MySQL** database in **phpMyAdmin** to store group marks, user information, and admin credentials, creating **HTML** forms for data entry and display, and writing **PHP scripts** for form submissions and database interactions.
- **Developing the official website portal for Perbendaharaan Negeri Johor (PNJ)** using WordPress involves setting up and configuring WordPress, managing the database with phpMyAdmin, and integrating simple HTML for enhanced visuals.
  - The website feature information pages detailing PNJ's services, designed with a user-friendly layout including navigation menus and contact information.
  - Implementation steps include installing **WordPress** on the server, configuring the database via phpMyAdmin, customizing a WordPress theme with **HTML** and **CSS**, and creating content to explain PNJ's role and functions

**Bahagian Perancang Negeri Johor**  
Tech Intern

*Iskandar Puteri, Johor*  
*September 2021 – March 2022*

- **Develop a website for the Pinjaman Barang ICT (ICT Equipment Loan) system**, and this system use **PHP, JavaScript, HTML, and CSS**, with **phpMyAdmin** for database management.
  - The project includes creating a user-friendly interface where users can request to borrow ICT equipment, track request statuses, and view equipment availability.
  - **HTML** and **CSS** will structure and style the site, while **JavaScript** will add interactivity, such as form validation. **PHP** will handle backend processing, interacting with the **MySQL** database via phpMyAdmin to perform **CRUD** operations on tables containing equipment details, user information, and loan records.

## HIGHLIGHTED PROJECTS

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### E-Scarve System That can Provide Information by using a Contrast Technique for the Colour Blind People

- Designed and developed an e-scarve website using **PHP Laravel Framework, HTML, CSS, and JavaScript**, providing an information about how colour blind people see the website.
- Implemented a contrast technique using JavaScript programming language in PHP (Laravel Framework) to give a better view for colour blind people and enhance their experience using the website.
- Provide suitable information and resources about colour blind to users who may be experiencing colour blind issues. Not only that, the website also give a normal user an experience how colour blind people use the website.
- Utilized the MVC (Model-View-Controller) framework for improved maintainability and scalability.

### Taman Pahlawan Reporting System

- Develop a system for Taman Pahlawan to report a damage that happen at their place. It includes, the Administrator that manage the system, the staff and the people of Taman Pahlawan. Once the report has been completed, admin will call the related company to solve the problem.
- The system utilized the Java MVC (Model -View\_Controller) framework and it deploy the coding in the Heroku.
- The coding need to display at the Heroku use the Push Post Github.

## EDUCATION

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### University Technology of MARA (UiTM)

*Bachelor of Information Systems (Hons.) Information Systems Engineering*

*Jasin, Melaka*

*March 2022 – July 2024*

- CGPA: **3.44/4.00**

### University Technology of MARA (UiTM)

*Diploma in Computer Science*

*Jasin, Melaka*

*July 2019 – March 2022*

- CGPA: **3.40/4.00**

## AWARDS & ACHIEVEMENTS

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- [ **Final year Project** ] **Best Poster Award** – (29 February 2024)
- [ **Mini Data Hackathon** ] **Data Analytics Talent Development Program** – 1<sup>st</sup> Place (20 September 2023)

## SPOKEN LANGUAGES

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**English, Bahasa Melayu (Malay)** – Able to speak & write formally and informally.

## CERTIFICATIONS

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**Data Analyst with Python** (DataCamp)

*Sept 2023*

**Data Scientist with Python** (DataCamp)

*Sept 2023*

## EXTRACURRICULAR ACTIVITIES

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- **Vice President** | *PEERS Club UiTM Jasin* *12 February 2024*
- **Facilitator** | Program *Khidmat Masyarakat Jalinan Kasih Siswa Bersama Anak-Anak Yatim* *17 November 2023*
- **Vice Secretary** | *Innovation Talk with Amin and Abid* *23 December 2022*
- **1<sup>st</sup> Place** | *Gold Award Mini Project Data Hackathon* *19 September 2023*
- **Exco Multimedia** | *Program Signing Fiesta* *5 January 2023*
- **Secretary** | *PEERS Club UiTM Jasin* *10 November 2022*
- **Vice Secretary** | *PEERS Club UiTM Jasin* *26 September 2021*

## REFERENCES

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**Puan Ts. Ruzana binti Jaffar** ([ruzana@johor.gov.my](mailto:ruzana@johor.gov.my)) - Pegawai Teknologi Maklumat (Unit Pengurusan Maklumat dan Komunikasi Korporat, Perbendaharaan Negeri Johor, Johor

**Ts. Dr. Nor Afirdaus Binti Zainalabidin** ([afirdaus@uitm.edu.my](mailto:afirdaus@uitm.edu.my)) - (FYP Supervisor) Senior Lecturer, College of Computing, Informatics and Mathematics, UiTM Jasin, Melaka