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# Executive summary

Diploma in Information Technology Graduate at Nanyang Polytechnic with hands-on experience in full-stack web development, data analytics, and UI/UX design. Ability to develop complete web applications and web apps from concept to deployment. Strong foundation in both front-end and back-end technologies with experience in modern development frameworks.

# Relevant skills

* Experience in HTML, CSS, JavaScript, Python, Node.js, and React.js
* Experience with data analysis and visualization using Tableau
* UI/UX design skills using Figma
* Knowledge of information security principles and network technology
* Strong analytical and communication skills with project management experience

# Technical projects

## April 2025 – July 2025 Full-stack Development Project

* Developed a full-stack web application using Node.js and React.js
* Responsible for user profile management, creating a user database in MongoDB, and designed the UI of the web application
* Collaborated with team members to deploy a functional web application for SCCCI to automate the resume application process

## October 2024 – February 2025 App Development Project

* Developed web application using HTML and Python Flask framework
* Responsible for user profile management system design and implementation
* Created a user interface page with the capability to delete and edit changes
* Collaborated with team members to deliver functional app prototype

## April 2024 – July 2024 **Web Development** Project

* Developed a web application using HTML, CSS, and JavaScript
* Created a web application to showcase historical revolutions, with a quiz
* Deployed and presented final web application

# academic projects

## April 2025 – July 2025 Software Development Project

* Implementing modern development practices including user stories, sprints, and Azure deployment
* Applying software engineering principles and project management methodologies

## October 2024 – February 2025 **Digital Business** Project

* Created a business model canvas, with a focus on channels and customer segmentation
* Created a customer journey map and proposed digital marketing technologies
* Collaborated with team members to analyse and improve the business model of the selected company, ‘Each-a-cup’

## April 2024 – July 2024 **Data Visualization** Project

* In a case study, I analysed customer profiles and bank performance for effectiveness and ROI
* Created a dashboard to display recommendations and insights
* Presented findings using data visualization tools, such as Tableau

# Education

## April 2024 - Present Diploma in Information Technology

### Nanyang Polytechnic, Singapore

Relevant Coursework: Web Development (HTML, CSS, JavaScript), Data Analysis & Visualization, UI/UX Design, Information Security, Network Technology, Software Engineering, Full-Stack Development

# awards and achievements

* Demonstrated leadership experience through Vice-Chairmanship and NPCC participation as a Sergeant in secondary school
* Earned the digital credentials “Cybersecurity Fundamentals” and “Web Development Fundamentals” from IBM SkillsBuild
* Received the Edusave Good Progress Award in the years 2017, 2018, and 2020
* Acted as the President of my Values-In-Action Group, which consisted of about 8 to 10 members and helped to mobilise the secondary school to partner and donate food to “Food-from-the-heart”