

James Ide

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A motivated individual who is passionate about technology, programming and learning new skills.

Education

Bachelor of Information Technology (Network and Cybersecurity Systems) GPA: 6.38/7

Flinders University - Bedford Park, SA

Relevant topics: Application Development, Web-Based Systems Development, Database Design

Relevant awards: Chancellor's Letter of Commendation, Letter of Merit

Technical Skills and Experience

Languages: ASP.NET, Blazor WASM/Server, Java, PHP, SQL, HTML, CSS/Bootstrap

Databases: SQL, MySQL, RDBMS

Networking: Routing, Switching, Network Security, Hardware Configuration

Other: Git, Agile, Azure, Entity Framework Core

Projects

eTickets | ASP.NET MVC, C#

[Live GitHub](#)

- Designed and implemented an ecommerce website using ASP.NET MVC.
- Used RESTful services such as dependency injection and generic base repositories.
- Implemented .NET Identity framework with cookie-based authentication and authorization.
- Integrated SQL database with Entity Framework Core for data access.

HiddenVilla | Blazor, ASP.NET, C#

[GitHub](#)

- Developed a resort booking system using Blazor Server, Blazor WASM with Web API.
- Used repository and dependency injection design patterns to encapsulate data.
- Used EF Core (DbContext), Migrations, DTO and SQL server for data access.
- Tested API Endpoints with SwaggerUI.

YouTube Trender | Java

[GitHub](#)

- Developed an interactive Java Application that indexes metadata about YouTube videos.
- Aimed to help data analysts to quickly sort, search and index the data for trending videos.
- Implemented the indexing functionality using lists and maps leading to a final grade of **95%**.

Extracurricular Activities

Cisco Networking Academy

- Built and configured LAN's and implemented IPv4 and IPV6 addressing schemes.
- Configured routers, switches, and end devices to provide network access.
- Configured and implemented switched networks using STP and EtherChannel.
- Developed troubleshooting skills using Cisco Packet Tracer and real hardware.