

# Michael Gerber

Website: <https://michael-gerber.dev> | LinkedIn: [www.linkedin.com/in/michael-gerber-it](https://www.linkedin.com/in/michael-gerber-it)

## Professional Summary

Software developer with experience in backend systems, mobile applications, and web development. Currently building full-stack features and AI integrations at Eureka Information Systems, part of the Mandata Group.

## Skills

Language & Frameworks:	C#, <a href="#">ASP.NET</a> Core, Blazor, TypeScript, Python, Java, Flutter, Dart
Cloud & Devops:	AWS (EC2, S3, CloudWatch), Azure DevOps, GitHub Actions
APIs & Architecture:	RESTful APIs, GraphQL, OpenAI API
Database & Tools:	MySQL, Redis, MongoDB, Git, Jira, Linux

## Education

### BSc (Honours) Computer Science

2020 - 2024 | South East Technological University

Four-year honours degree covering software engineering, algorithms, database systems, mobile development, and game development. Final year project developed in collaboration with Sun Life Financial, redesigning an existing mobile insurance application.

## Experience

### June 2024 - Present, Full Stack Software Engineer, Mandata Group Ltd

- Designed and built a gateway API handling authentication, routing, and usage tracking for AI services across the product.
- Integrated AI into the core TMS to automate parsing of inbound emails and improve job scheduling.
- Integrated several third-party vehicle tracking providers, giving operators real-time fleet visibility.
- Migrated the build system from manually managed DLLs to NuGet, improving maintainability and onboarding.

### Mar 2023 - Aug 2023 (6 months), Mobile Application Developer, Eureka Software

Led a full rewrite of the driver dispatching app in B4x, working part-time alongside college. Designed and built the supporting REST API and backend database, covering job assignments, status updates, and driver data.

## References

Sonya Hogan (Final Year Supervisor)  
South East Technological University  
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