CV

Calvin Lynch

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GitHub: https://github.com/Calvin155

Personal Website: https://cv-calvin.vercel.app/

Education:

September 2021 to current (Currently in Fourth Year – Expected Graduate Year 2025):

Technological University of the Shannon Midlands Midwest (TUS) – Moylish, Limerick.

Course: Software Development BSc (Hons – Level 8) in Computer Science

Current Award: QQI Level 7 – Ordinary Bachelor's Degree - Hoping to achieve BSc (Hons – Level 8) Yearly GPA

- **Year 1 GPA**: Stage GPA: 78.50%

- **Year 2 GPA**: Stage GPA: 70.66%

- **Year 3 GPA + Internship**: Stage GPA: 77.50%

- **Year 4 GPA:** Stage GPA:74.81% (Semester 1)

4th Year Modules (Semester 1) – Enterprise Application Development, Big Data Mining & Analysis (Elective), Software Management Techniques, Reactive Systems.

4th Year Modules (Semester 2 – Currently Ongoing) – Api Design & Development, Machine Learning & Predictive Analysis, Software Management Techniques 2, Software Quality Engineering, Penetration Testing (Elective).

September 2020 to April 2021.

Limerick College of Further Education, Mulgrave St, Limerick (LCFE)

Course: Software Development

Grade(s): Distinctions in all modules.

Award: QQL Level 5 in Software Development.

September 2010 – June 2016.

- St. Clements Redemptorist College, Laurel Hill Avenue, South Circular Rd,

- Award: Leaving Certificate.

Certificates, Awards & Achievements

- QQI Level 7 – Ordinary Bachelor's Degree in Software Development – Technological University of the Shannon Midlands Midwest (TUS) - (2024)
- Junior Penetration Tester – 2025 – TryHackMe Certificate of Completion
- Microsoft Azure: Describe Cloud Concepts & Describe Azure Architecture & Services (2025)
- Manual Handling – Absolute Hotel Limerick (2023)
- 5-Year Service Award – Absolute Hotel Limerick (2023)
- Fundamentals of Digital Marketing – Google Digital Garage (2021)
- QQI Level 5 – Software Development – LCFE (2021)

- Full clean driving license

- Multiple awards in music and sports

Calvin Lynch CV 2025

Technical Skills

- **Programming Languages:** Java, JavaScript, C#, HTML, CSS, PHP & Python.
- **Databases:** SQL, InfluxDB, CassandraDB & Postgres.
- **DevOps & Tools:** Docker, Kubernetes (K3s), DevOps methodology, CI/CD, Automation, GitHub, GitHub Actions, Bash, Prometheus & Grafana.
- **Cloud:** AWS
- **IDEs:** Visual Studio Code, VS Code, NetBeans & IntelliJ.
- **Frameworks**: Spring-Boot, React, Fast-Api & Flask.
- **Other:** Computer Science, Problem Solving, MS Office (Word, Excel, Access, PowerPoint), Email, Internet, Jira, Miro, Linux Cli, WSL, Linux Ubuntu, SDLC, MVC, Problem Solving, Agile, SAfe Algorithms, SSH, Rest-Api Design & Development.

Personal Skills

- **Skills:** Excellent customer service, communication, and telephone handling; dependable, attentive & confident.
- **Interests:** Sports (hurling, football), music (listening and playing) & IT.

College & Personal Projects:

- 3rd Year – Group Project (College) – Farm Management System: Final Grade/Result: <u>75%.</u>
- Final Year Project (FYP - College) – Air Quality Monitoring Using a Raspberry Pi.
- System Performance Monitoring with Prometheus.

Visit for more Information on Tools, Technology, Build & Deployment of Projects:

https://cv-calvin.vercel.app/projects

Work /Work Experience

Software Engineer Intern
Progress Software Corporation - January 2024 – August 2024 / 8 Months

- Gained hands-on experience with DevOps practices, CI/CD pipelines, automation, and Agile methodology (SAFe) as part of the Platform Operations Team.
- Collaborated in team settings, participated in code reviews, and solved problems.
- Developed a cloud cost analysis dashboard using data from Azure (via CLI), Cassandra, and Prometheus, visualized in Grafana for internal employee use.
- Utilized MELT (Metrics, Events, Logs, Traces) with Prometheus for metric scraping and alerting.
- Deployed a Jaeger instance for dependency analysis.
- Worked with technologies including Azure, Azure cli, Python, Docker, Kubernetes (K3s), GitHub, GitHub Actions, FastAPI, Flask, Cassandra DB, InfluxDB, Grafana, and Argo CD.
- Presented project progress in sprint reviews and contributed to PI planning and retrospectives.

Senior Receptionist
Absolute Hotel, Limerick - 2019 – December 2024

- Advanced user of Opera Hotel Management System and Micros POS.
- Actively contributed to HOD (Head of Department) meetings, offering insights to improve operational workflows.
- Responding to guests in a friendly and efficient manner during check-in, checkout, over the phone & email.
- Switchboard.
- Responsible for onboarding and training new team members, mentoring junior staff and ensuring high service standards.
- Managed group and individual reservations across leisure, corporate, and event categories, maintaining booking accuracy and customer satisfaction.
- Carried out Duty Manager responsibilities including supervision of bar, restaurant, meetings, and events (C&B).
- Cross checking 3rd party commissions with 3rd party booking channels.
- Cash & Credit Handling.

Night Duty Manager
Absolute Hotel, Limerick - 2018 – 2019

References available upon request.