

Saul Burgess – CV

Address	49 Sefton Green, Rochestown Avenue, Co. Dublin	Mobile Phone	+00 (353) 189 4828
Date of Birth	27 th September 2000	Email	Burgesssaul@gmail.com

Personal Profile

Software Developer with 2 formal years of experience implementing front & backend services. I have a strong understanding of the full software development lifecycle, including Design, Test-Driven-Development, and DevOps. I am experienced in developing and implementing web applications using modern technologies such as Java, Node and React. I am also experienced in developing and maintaining databases, and have a strong understanding of the principles of software design and architecture.

Education

2019–2023 BSc (Hons) Computer Science - Technological University Dublin
Final Year Project: [ModSent: Modular Sentiment Analysis]

2023–2025 MSc (Hons) Computer Science - Technological University Dublin
Stream: [Advanced Software Development]

Employment History

May 2023 - Accenture, Grand Canal Quay
Sep 2023 *Summer Internship - Technical Analyst*
Focused on Software Development and Application Development.

Jan 2022 - Department of Agriculture, Food, and the Marine
Sep 2022 *Junior Software Developer*
Third-year placement for 20 weeks, Computer Science undergraduate degree program. Retained until University 2022 Autumn term. Worked with Typescript, Java Spring and Continuous Integration (Development) platforms to develop a disease management application for the department.

Oct 2019 - TUD Project Team Leader
Nov 2019 *Project Team Leader*
'Communications & Personal Development: Agile and You'. Developed Project Management skills and Team Building skills. Implemented Agile methodology.

Jul 2019 - Rockall Technologies, Dun Laoghaire (part of Broadridge Financial Solutions)
Aug 2019 *Development & Test Intern*

May 2017 - Department of Higher Education
May 2017 *Intern*
Worked with then Minister Mary Mitchell O'Connor. Assisted in clerical duties, writing briefs on county representatives.

Software Engineering Skills

■ Programming Languages

JavaScript - Typescript, JavaScript
Java - jdk 21, jdk 20, jdk 17
Python - 3.12, 3.11, 2.7
C++ - 17, 14, 11
C# - .NET 6.0, .NET 5.0, .NET 4.8

■ Frameworks

Node.js - Express, Koa, Hapi
Nest.js - REST, GraphQL, Microservices
React - Redux, MobX, Relay
Angular - 14, 11, 10
Spring - Boot, Cloud, Data, Security
.NET - Core, MVC, Web API
Django - REST, ORM, Templates

■ DevOps

Kubernetes - Administration, Deployments
Flux - GitOps, Helm, Kustomize
Docker - Containers, Images, Compose
Docker SWARM - Clusters, Services, Stacks
Jenkins - Pipelines, Jobs, Builds
Git - Version Control, Branching, Merging
GitHub - Pull Requests, Issues, Projects
GitHub Actions - Workflows, Jobs, Artifacts
GitLab - CI/CD, Pipelines, Issues

■ Databases

SQL - Scripting, Querying, Administration
PostgreSQL - SQL, PL/pgSQL, pgAdmin
MySQL - SQL, Workbench, phpMyAdmin
MongoDB - NoSQL, Compass, Atlas
ORM - Prism

Interests & Accomplishments

■ Represented TUD in Games Fleadh 2020, a java based Artificial Intelligence challenge ‘Robocode’ in March 2020, having designed and written ‘Oberon’, a decision tree based, linear targeting virtual tank.

■ CoderDojo Mentor (Dun Laoghaire) – member since 2012. Youngest appointed student mentor in 2016 – privileged to have the opportunity to guide the next generation of young coders and developers.

■ Skilled Public Speaker – won second place in the Trinity Classics Oratory competition for three consecutive years.

■ Accomplished Sailor, having achieved my Royal Yachting Association Level Three Grade during my fourth year of secondary school.