

# Shaun Kriel

## Software Developer

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[shaun-kriel.com](https://shaun-kriel.com)

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**Junior Software Developer** with 14 years' experience as an Electrical Maintenance Engineer in **high-pressure** environments. Strong **problem-solver**, team player, and quick learner, now building web apps with **HTML**, **CSS**, **JavaScript**, and **Node.js**. Known for reliability, clear communication, and a hands-on approach to technical challenges.

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## Technical Skills

- Languages & Tools: HTML, CSS, JavaScript, Node.js, Git, GitHub, Bootstrap
- Concepts: DOM Manipulation, Responsive Design, API Integration
- Environments & Editors: Visual Studio Code, Sublime Text, macOS, Windows, SSH

## Professional Skills

- Project Management, Teamwork, Time Management, Leadership
  - Effective Communication, Critical Thinking, Problem Solving, Administration
  - IT Literacy (Microsoft Office), Electrical & Mechanical Systems
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## Career History

*Software Developer freelancer* - September 2024 til present

### DIY Web App (In Progress)

Designing and developing a DIY-focused web-based tool using HTML, CSS, Vanilla JavaScript, and Node.js. Aimed at helping homeowners navigate common maintenance tasks with ease. Features include guided project workflows, a login system, and newsletter integration (planned)

[-github.com/ShاونK79](https://github.com/ShاونK79)

### Client Portfolio Website

Built and deployed a fully responsive personal portfolio site for a client, showcasing strong front-end skills in HTML, CSS, JavaScript, and UI/UX design principles.

[-www.drfarrugiakriel.com](https://www.drfarrugiakriel.com)

### Mini Projects

Completed several smaller projects through guided tutorials, reinforcing skills in DOM manipulation, event handling, responsive design, and API integration.

[-github.com/ShاونK79](https://github.com/ShاونK79)

## Career History cont.

**CBRE - Allianz Insurance HQ - June 2014 - August 2024**

### *Electrical Maintenance Engineer*

Responsible for planned and reactive electrical maintenance across the entire site, including HV/LV systems, UPS, generators, static switches, fire alarms, and three-phase/single-phase power.

- Delivered small-scale projects from initial planning through to completion.
- Monitored and adjusted BMS systems to maintain operational efficiency.
- Supervised contractors, including site inductions, permits to work (PTW), and RAMS compliance.
- Mentored and trained apprentice to support skill development and team growth.
- Provided emergency on-call cover to ensure 24/7 site reliability.
- Maintained accurate administrative records and documentation systems.

**NG Bailey - Various London Sites - March 2011 - June 2014**

### *Maintenance Engineer*

Carried out planned and reactive maintenance across multiple commercial sites, supporting both electrical and mechanical systems to ensure safety, compliance, and operational uptime.

- Performed electrical maintenance on distribution boards, emergency lighting systems, and general power infrastructure.
  - Delivered mechanical and plumbing services including HVAC systems, Air Handling Units (AHUs), and Fan Coil Units (FCUs).
  - Responded promptly to fault reports, ensuring minimal disruption to critical building services.
  - Collaborated with contractors and site teams to coordinate work safely and efficiently.
  - Maintained clear service documentation and contributed to continuous improvement of maintenance procedures.
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## Education and Qualification

**ZeroToMastery Bootcamp - September 2024 - present**

- Computer science fundamentals, Modern Web Development fundamentals, best practices to write clean code.
- HTML, CSS, Bootstrap
- JavaScript
- Node.js (familiar)

**Brad Traversy Modern JavaScript**

- vanilla JavaScript

## Education and Qualification cont.

**2007 - 2023 - continuous learning and updating of regulations**

### **CITY & GUILDS ELECTRICAL INSTALLATION**

- BS7671: 18<sup>th</sup> Edition Regulations Amendment 2
  - BS7671: 18<sup>th</sup> Edition Regulations
  - Electrotechnical Installation 2330 Level 3
  - Electrotechnical Installation 2330 Level 2
  - Electrical Testing and Inspection 2392 Level 3
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## Interests

On weekends, I volunteer as a youth football coach in my local village. It's been a learning curve—I'm more of a rugby guy at heart—but it's a brilliant fun way to spend quality time with my two boys.

I dabble in the arts—mainly pencil sketching and watercolour painting. It's my way of unwinding and pretending I'm a creative genius. If I'm lucky the finished artwork may end up on the fridge which I will claim as a 'Masterpiece'.

Currently learning Italian—something I've been meaning to do for years. My two boys are learning it at school, so naturally, they've become my teachers (and very strict ones at that). I can probably get away with greetings and the possibility of ordering some food. Let's just say I'm fluent in hand gestures!