NIKOLAUS ZOLNHOFER

67 Albury Road, Aberdeen, AB11 6TP

07376 989148 ⬦ nzolnhofer@gmail.com ⬦ www.nikmaxott.org

WORK EXPERIENCE

Software Developer at AEON Geoscience Systems   September 2022 - August 2023

Application overhaul, and feature addition for Geosciences SaaS

· Worked extensively in React, and Ruby on Rails to overhaul, and expand the existing PROEX web application.
· Using D3.js package to create numerous graphs, well log tracks and data dashboards to enable the visualisation and comparison of complex datasets as part of a £70k+ client project shortly before my redundancy.
· Overhauled the visual design of the application using Figma as a quick prototyping tool to realise these changes. Working within a Company standard design template.
· Implemented a completely new self sign up process including email confirmation with SendGrid API.
· Set up full build, linting, and testing pipelines as well as docker containerisation of the application.

IT & Business Support at DK AVS   June 2018 - September 2022

Supporting modernisation and web integration for an electronics repair company.

· Worked extensively in React, HTML, CSS, ES2023 JavaScript, and Redux to improve company's web systems.
· Streamlined job-request process, resulting in 1200+ TV repair being recorded, verified and prearranged through an automated portal. Increased customer communication efficiency by 25%.
· Managed overhaul and implementation of the company's entire Enterprise Resource Planning system, including written proposals for key clients and oncall support during transition period. Delivering the project from inception to completion.
· Acted as a Senior Developer by consulting external clients in setting up new ERP & CRM System in Superbase NG, migrating from Superbase Classic.
· Initiated online campaign bringing in 4000 new users on to DK AVS website leading to 20% increase in the first time customer service request.

SKILLS

Programming Languages: **React**, **JavaScript**, **HTML 5 & CSS 3**, **Ruby on Rails** and **SQL**.

Software Packages: **Figma**, **MATLAB**, **SolidWorks**, **Docker** and **Github Actions CI/CD**.

Communication: B2B and B2C customer service and sales. Fluent in **English** and **German**.

Project Management: **Waterfall** and **Agile** project lead.

EDUCATION

BEng in Mechanical Engineering at University of Aberdeen
Classification: **2:1 (Hons)**
Dissertation: **Installability Study for Steel Catenary Risers (SCR) in Deep Water**
Year Abroad: **The University of Hong Kong (HKU)**
Relevant Modules: Enterprise Computing and Business, Advanced Web Application Development, Electronic Systems, Project and Safety Management, Engineering Analysis and Methods