Steven Berrisford

stevenberrisford@gmail.com ‖ (+44) 07891078922 ‖ github.com/StevenB96‖stevenberrisford.com
www.linkedin.com/in/steven-berrisford-55061a134/

I am a highly motivated and hard working software developer, eager to contribute my skills to a mid-level software development position or related role. With 3 years of solid experience of building software products, I have the expertise to adapt quickly and make a positive impact to a diverse range of projects. Here is a short summary:

o   3 years full stack experience as a: React developer, React Native developer, and Laravel developer.
o   2+ years experience as a: Python developer, Node developer including: Django framework, Express framework.
o   Excellent skills in Amazon Web Services, Docker Containers, Kubernetes, and Terraform Infrastructure as Code.
o   Skilled in mentoring juniors, fostering collaboration and building connections with internal stakeholders.

EXPERIENCE

Scorchsoft Ltd: Mid-Level Developer (07/2022 – 09/2023)

In July 2022 I was promoted to mid-level, and in this role I contributed to ca. 3 projects. As a mid-level, I participated in client meetings, mentored junior staff, assigned work packages, and made decisions about how to implement the specification. I collaborated closely with leads, junior team members, and project staff to ensure effective delivery.

Selected Projects	
Sector	**Details**
Medical (5 months)	As primary developer for a new development phase of an existing mobile application and new full stack web application. I adapted to new technologies, learned to work with Java and adjusted to new internal processes. Additionally, the opportunity to deploy the full stack application on AWS EC2 expanded my knowledge of Cloud deployment.
Diplomacy (7 months)	As the primary developer from inception, I developed the MVP. I was challenged with working with a new junior developer and a junior project assistant. I mentored both, assigned tasks, provided guidance, and clarified requirements. The project required me to perform ETL operations on data from an external API and integrate geolocation services. The app is available on major platforms.

Scorchsoft Ltd: Junior Developer (09/2020 – 07/2022)

As a junior in a dynamic small business, I contributed to ca. 6 projects for a diverse range of customers. My responsibilities included clarifying requirements, estimating work packages, developing full-stack web/mobile applications, and testing prior to QA. Using Kanban I was able to further develop my understanding of the SDLC.

SKILLS AND KNOWLEDGE

o   Programming Languages: Python, JavaScript, PHP, HTML, CSS, SQL, Bash, Java, MATLAB.
o   Packages: Django, Flask, Pytest, Unittest, React, React Native, Express, Jest, Mocha, Laravel, Yii2, Socket.IO.
o   Databases (Brands): MySQL, PostgreSQL, DynamoDB, MongoDB, Cassandra.
o   Data Science/Engineering: NumPy, Pandas, SciPy, Scikit Learn, Matplotlib, Beautiful Soup, Kafka, Airflow.
o   DevOps Tools: Git, Docker, Kubernetes, Terraform, Bitbucket, Jira, OpenVPN.
o   Cloud Tools: Route53, ECS, EC2, CodePipeline, ECR, CloudFormation.

TRAINING

Skills Bootcamp in Cloud (AWS), Cenit College, October 2023 – February 2024

I gained a detailed understanding of the AWS Cloud. The course covered concepts such as shared responsibility, access management, security, deployment, operations, billing, and activities such as quizzes and practical tasks - including a main project. Alongside the course, I undertook a major personal project and gave a presentation to the group.

Full Stack Web Development Course, Futureproof, March 2020 – June 2020

I gained a comprehensive understanding of databases, programming languages, frameworks, APIs, machine learning and more. Throughout the course, I worked on several mini-projects developing collaboration skills. We presented our final projects to potential employers which improved my employability skills and eventually led me to my first job.

IT QUALIFICATIONS

Certification(s)	Certifier
"AWS Cloud Practitioner."	AWS
"Django Application Development," "Backend-End Apps w Node.js," "Development using Microservices & Serverless," "Python for Data Science," "Introduction to NoSQL Databases," "ETL & Data Pipelines w Shell, Airflow & Kafka," "Introduction to Containers w Docker, Kubernetes & OpenShift," "Monitoring & Observability for Development," "Application Security for Developers."	IBM
"Intermediate Certificate in Enterprise and Solution Architecture," "Foundation Certificate in Architecture Concepts and Domains."	BCS
"LE-1 Linux Essentials."	LPI

PERSONAL PROJECTS FOR PRIVATE INTEREST

http://stevenberrisford.com	
Movie Predictor	A Python web/ETL application deployed with Docker on AWS Infrastructure (ECS, Lambda, S3, CodePipeline). Built on Flask (web framework), Scikit Learn (ML library) and Matplotlib (graphing tool).
Web Library	A scalable, comprehensively unit tested, MVC application built using Django (Python web framework). It is deployed on a Kubernetes cluster (DevOps tool), integrating with database microservices.
Terraform Visualiser	A containerised full stack application built using Express and React (JavaScript web frameworks). It queries a Kubernetes API to visualise Clusters that have been deployed on AWS using Terraform.

UNIVERSITY

1st Class Master's Degree in Mechanical Engineering, University of Exeter, 2015 – 2019

The basis for my final project was studying the thermal impact of phase change materials in buildings using computational modeling and applied machine learning. The degree also included advanced mathematics and business studies, providing me with a strong foundation for diverse career opportunities. I received a dean's commendation.

Research Bursary, University of Exeter, May 2018 – August 2018

Working with a small group of researchers, I helped to develop a system for generating extreme weather for use in building simulation. The work involved Imputation, Copula statistics, Fast Fourier Transforms and Genetic Algorithms, which were applied using MATLAB. The Research Bursary enhanced my basic coding and problem-solving abilities.

TESTOMONIALS

Quote	Name	Role
Steven made an impression with his exceptional proficiency.	Audrius Dobrovolskis, Scorchsoft	Lead Developer
Steven is very easy to get along with and a great presence.	Jordan Smith, Scorchsoft	Mid-level Developer

OUTSIDE WORK

Hobbies: Running, Dancing (Salsa, Bachata and Swing), Singing (Choir)
Languages: Norwegian, German (B1) Swedish (A2) French, Portuguese (A1)