Steven Berrisford

Contact Information

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Overview

I am a highly motivated and hardworking software developer, eager to contribute my skills to a full-stack software development position or related role. With 3 years of solid experience in building software products, I have the expertise to adapt quickly and make a positive impact on a diverse range of projects.

Skills & Teamwork Abilities

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

Professional Experience

Scorchsoft Ltd

Role: Mid-Level Developer, Dates: July 2022 – September 2023
Key Responsibilities:

- Participated in client meetings.
- Mentored junior staff, assigning work packages, and making decisions about implementation specifications.
- Collaborated closely with leads, junior team members, and project staff to ensure effective delivery.

Selected Projects:

1. Sector: Medical, Duration: 5 months
   Contribution: As primary developer for a new development phase of an existing mobile application and a new full-stack web application. 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.
2. Sector: Diplomacy, Duration: 7 months
   Contribution: 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

Role: Junior Developer, Dates: September 2020 – July 2022
Responsibilities:

- Contributed to approximately 6 projects for a diverse range of customers.
- Clarified requirements, estimated work packages, and developed full-stack web/mobile applications.
- Conducted testing prior to QA, using Kanban to enhance the understanding of the software development lifecycle (SDLC).

Additional Skills

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

Software Development Training

Cenit College

Title: Skills Bootcamp in Cloud (AWS), Dates: October 2023 – February 2024
Experience: Gained a detailed understanding of the AWS Cloud, covering concepts such as shared responsibility,

access management, security, deployment, operations, billing, and activities including quizzes and practical tasks. Undertook a major personal project and gave a presentation to the group.

Futureproof
Title: Full Stack Web Development Course, Dates: March 2020 – June 2020
Experience: Developed a comprehensive understanding of databases, programming languages, frameworks, APIs, and machine learning. Worked on several mini-projects and presented final projects to potential employers, enhancing employability skills.

IT Qualifications

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

Personal Projects

1. Title: Movie Predictor
   Description: A Python web/ETL application deployed with Docker on AWS Infrastructure (ECS, Lambda, S3, CodePipeline). Built using Flask (web framework), Scikit Learn (ML library), and Matplotlib (graphing tool).
2. Title: Web Library
   Description: A scalable, fully unit tested MVC application built using Django (Python web framework). Deployed on a Kubernetes cluster (DevOps tool) and integrates with database microservices.
3. Title: Terraform Visualiser
   Description: A containerised full-stack application built using Express and React (JavaScript web frameworks). Queries a Kubernetes API to visualise clusters deployed on AWS using Terraform.

Education

University of Exeter
Title: 1st Class Master's Degree in Mechanical Engineering, Dates: 2015 – 2019
Description: The basis for my final project was studying the thermal impact of phase change materials in buildings using computational modelling 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.

University of Exeter
Title: Research Bursary, Dates: May 2018 – August 2018
Description: 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.

Testimonials

- Audrius Dobrovolskis, Lead Developer at Scorchsoft Ltd:
  "Steven made an impression with his exceptional proficiency."
- Jordan Smith, Mid-Level Developer at Scorchsoft Ltd:
  "Steven is very easy to get along with and a great presence."

Interests

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