Diana Percatkina

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Professional Summary

Highly skilled and dedicated Software Developer with over 2 years of experience in software development, site reliability engineering, and full-stack application design. Proficient in modern programming languages, frameworks, and cloud-based solutions, with strong expertise in Java, Python, React.js, and Azure DevOps. A proven track record of delivering high-quality solutions in fast-paced, results-driven environments. Passionate about artificial intelligence, machine learning, and leveraging technology to drive innovation.

Professional Experience

Storage Engineer

UBS | Aug 2023 – Nov 2024

- Administered and maintained Linux systems, ensuring 99.9% uptime and performance optimization.
- Designed and implemented pipelines using Terraform for infrastructure as code.
- Improved storage solutions using EMC, NetApp, and Data ONTAP, reducing costs by 15%.
- Collaborated on SRE practices, implementing Service Level Objectives (SLOs) and reducing toil through automated solutions.
- Technologies: Linux, Kubernetes, Azure DevOps, Terraform, NetApp, Data ONTAP, GitLab.

Python Software Developer

Wiley Edge | Aug 2022 – May 2023

- Designed and developed full-stack applications using Python, Django REST Framework, and React.js.
- Performed extensive troubleshooting and debugging, increasing application performance by 20%.

- Engaged with stakeholders to explain industry concepts and provided technical expertise for project requirements.
- Technologies: Python, Django, React.js, MongoDB, Postman API.

Web Developer

Freelance | Nov 2021 – Jan 2022

- Built and deployed responsive web applications with React.js and Node.js.
- Optimized website performance, leading to a 25% increase in user engagement.
- Created RESTful APIs and integrated third-party services to enhance functionality.
- Technologies: React.js, Node.js, HTML5, CSS3, Bootstrap.

Education

Coventry University

Bachelor's degree in Computing | Sep 2019 – May 2022

- Activities: Theatre, Creative Activities Society, Student Council, Windsurfing Club

Licenses & Certifications

- **Software Development** – mthree (Nov 2023)
- **Artificial Intelligence A-Z 2024: Build 7 AI + LLM & ChatGPT** – Udemy (Feb 2023)
- **SITE RELIABILITY ENGINEERING (SRE)** – mthree (Jan 2023)
- **Introduction to Python** – Wiley Edge (Sep 2022)
- **React - The Complete Guide** – Udemy (Apr 2022)
- **Xamarin Forms: Build Native Cross-platform Apps with C#** – Udemy (Apr 2022)
- **Node.js Essential Training** – LinkedIn Learning

Technical Skills

Programming Languages: Java, Python, C#, C++, JavaScript

Frameworks & Libraries: React.js, Spring Boot, Django REST Framework, Node.js, Xamarin

Cloud & DevOps: Azure DevOps, Terraform, Kubernetes, Microsoft Azure Machine Learning

AI & Machine Learning: Deep Learning, NLP, Reinforcement Learning, Transformers, LLMs (LoRA, QLoRA)

Databases: MySQL, MongoDB, SQLite

Tools & Technologies: GitLab, Postman API, JUnit, Maven, SDLC, Agile Development, RESTful Web Services

Key Projects

- **AI Chatbot Development:** Designed a chatbot leveraging transformers and large language models (LLMs) to automate customer support queries, reducing manual workload by 40%.
- **E-Commerce Platform:** Developed a scalable e-commerce platform using React.js and Node.js, featuring payment gateway integration and user authentication.
- **Site Reliability Dashboard:** Created an interactive dashboard to monitor service reliability metrics (SLOs) and automate reporting, leading to a 30% reduction in downtime.

Additional Skills

- Written Communication
- Performance Optimization
- Virtual Machines and Storage Administration
- Financial and Business Analysis

Languages

- English: Fluent
- Russian: Fluent
- Latvian: Fluent