Nemanja Manojlovic

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SUMMARY:

Results-driven and highly skilled software engineer with 2+ years of experience in developing and delivering high-quality software solutions. Proficient in multiple programming languages, frameworks, and methodologies. Adept at problem-solving and collaborating with cross-functional teams to deliver exceptional products.

EDUCATION:

Diploma in Software Development, Code Institute, 2019-2021:

Relevant Coursework:
- Programming Languages (JavaScript, Python, Bash)
- Web Programming (HTML, CSS, JavaScript)
- Front-End Frameworks (Bootstrap, React, jQuery)
- Back-End Development (Django, Flask)
- Payment Processing (Stripe)
- Databases (MySQL, Postgres, NoSQL, MongoDB)
- Testing methodologies (Unit Testing, Jest)
- Version Control (Git, GitHub)
- Responsive Web Applications (HTML, CSS, Javascript)
- Agile Software Development (Agile methodologies, collaborating in a team environment)
- Continuous Integration/Continuous Deployment (CI/CD)

Bachelor of Science in Computer Science, University of London, 2022-ongoing:

Relevant Coursework:
- Software Design and Development
- Parallel Processing
- Object-Oriented Programming
- Web Programming (HTML, CSS, JavaScript)
- Project Management
- Front-End Frameworks (React, Angular)
- Data Structures and Algorithms
- Back-End Development (Node.js, Django)
- Programming Languages (C++, Python, JavaScript)

TECHNICAL SKILLS:

Languages: JavaScript, TypeScript, Python, Ruby, Bash, PowerShell, C++

Front-End: HTML, CSS, JavaScript, React, Vue, Angular, Astro, Tailwind, Bootstrap, jQuery, ThreeJS, GraphQL, Webpack, GSAP

Back-End: Django, Flask, Node.js, Express, Next, Nest, Rails, GraphQL

Cloud Providers: GCP, AWS, Heroku, Digital Ocean, Azure

Databases: MySQL, Postgres, NoSQL, MongoDB

Testing: Unit Testing, Jest

Version Control: Git, GitHub, GitLab

Payment Processing: Stripe

Agile Methodologies: Scrum, Kanban

Software Design and Development: Figma, Blender, Logo Design, Vector Design, 3D Design and Modelling, Mockups, Adobe XD, Photoshop

Continuous Integration and Continuous Development (CI/CD): Docker, Docker-compose, Kubernetes, Kubectl, Skaffold, Minikube, Dokku, Github Actions, Dependabot

EXPERIENCE:

Full-Stack Software Engineer, Aug 2022 - March 2023 Nebulr Group, Sweden, Stockholm
- Collaborated on the creation of underlying infrastructure for new products.
- Maintained and extended the current infrastructure supporting the NorthWhistle product.
- Designed and implemented proprietary cloud microservice solutions and client-side plugins using React, CLI, and SDKs.
- Automated tasks through DevOps practices to improve development efficiency.
- Administered and created monorepos and associated stack's toolchains, including Webpack, Yarn, NPM, Tailwind, PostCSS, and BabelJS.
- Utilised GraphQL for efficient data querying and manipulation.
- Leveraged Jira for issue tracking and project management.
- Worked on SDK development, Web Services API, and integrating OAuth 2.0 and OpenID Connect (OIDC) for secure authentication.
- Contributed to GitHub repositories and utilised GitHub Actions for automated workflows.
- Developed applications using TypeScript, Next.js, and React Native.
- Employed Docker for containerization and deployment.

Full-Stack Software Engineer, Jan 2021 - Jan 2022 Freelance/Contract Basis, Self-Employed

- Successfully executed multiple contract projects, delivering high-quality software solutions for clients in diverse industries.
- Implemented Continuous Integration and Continuous Deployment (CI/CD) pipelines, reducing deployment time by 40% and ensuring efficient and reliable software releases.
- Designed and developed responsive and visually appealing websites for startup companies, enhancing user experiences and online presence.
- Optimised WordPress websites for performance, resulting in a 30% improvement in page loading times and user satisfaction.
- Collaborated closely with clients to gather requirements, provide regular project updates, and ensure alignment with their vision and goals.
- Demonstrated exceptional problem-solving skills by resolving complex technical challenges and delivering projects within specified timeframes.
- Managed project timelines, scope, and resources, ensuring successful project completion and client satisfaction.

PROJECTS:

Jelly, Open Source:
- Developed and published a VSCode plugin called Jelly. Jelly is a theme designed to make the workspace more colourful, it introduces a new colour scheme for the workspace, and the colour scheme is more vibrant.

Nblocks Project, Nebulr:
- Developed Nblocks, an innovative product designed to streamline application development processes.
- Revolutionised code reusability, interoperability, and code design through its frontend plugin, backend plugin, and API microservices architecture.
- Empowered developers with rapid and cost-effective application development through simplified user registration and setup using a CLI tool.

North Whistle App, Nebulr:
- Contributed to NorthWhistle, a plug-and-play whistleblowing solution empowering anonymous reporting of unethical behaviour.
- Enhanced case administration and reporting features, resulting in a 30% increase in user engagement.

React Typescript Github Repository Template, Open Source:
- Built a powerful GitHub Repository Template integrating cutting-edge technologies, enabling faster project and front-end application development.
- Focused on empowering developers by providing a seamless development environment.

MikiCloud Company's Website, Contract Based:
- Designed and developed the company's website: https://www.mikicloud.net/.

EXTRA-CURRICULAR ACTIVITIES:

Active Programming and UI/UX Blogging:

- Regularly publish insightful articles about programming techniques, tips, and best practices.
- Share valuable insights into UI/UX design principles to enhance user experiences.
- Contribute to the programming community and stay updated with industry trends.

Volunteer Work with Children with Special Needs:
- Volunteered at a school for children with special needs through the International Red Cross in Serbia.
- Provided hands-on assistance and guidance in physical exercises, swimming, and various associated activities.
- Developed patience, empathy, and effective communication skills while contributing to the well-being of the children.

LEADERSHIP:

Team Collaboration:
- Collaborated with cross-functional teams to deliver Nblocks, reducing development time by 40%.
- Coordinated tasks, timelines, and communication, completing projects ahead of schedule.

Initiative and Innovation:
- Introduced streamlined processes for efficient tooling and technology setups, improving code quality and project delivery.
- Implemented OAuth 2.0 and OpenID layer for enhanced user experience and third-party integration.

Agile Team Contribution:
- Actively participated in agile processes, contributing ideas to enhance team efficiency and project delivery.

Cross-Functional Collaboration:
- Partnered with Product Managers to troubleshoot and resolve critical issues, fostering a collaborative work culture.