Liberty Mukubvu

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About Me

A fourth year Computer Science student specializing in Software Engineering and Mobile Technologies, with a strong zeal for software development. I have gained extensive experience in software development, testing, and deployment through internships and personal projects. Highly motivated, hardworking with a big heart for learning, skilled in Full Stack development using programming languages like Java, Typescript and JavaScript, along with their respective frameworks such as Spring Boot, Angular, React.js and Express.js. I am seeking for an internship opportunity where I can further develop my skills and apply my knowledge to contribute meaningfully to your team's success and growth.

Education

University Of Economics And Innovation	Lublin, Poland
Bachelor in Computer Science, GPA: 4.5	Oct 2021 – Expected March 2025

Relevant Coursework

- Data Structures
- Algorithms
- Design of Information Systems
- Object-Oriented Programming
- Database Management
- Web Development
- Software Engineering
- Software Testing

Experience

Programming Internship — August 2023 – Oct 2023
Netrix — Lublin

- Enhanced Data Processing: Developed a data extraction and processing tool that improved log analysis efficiency by 40%, significantly reducing manual review time.
- Comprehensive Documentation: Created detailed documentation for both users and developers, improving the onboarding process and reducing the learning curve for new team members.
- Anomaly Detection: Designed and implemented anomaly detection features that increased system reliability and reduced incident response time by 25%.
- Improved Command-Line Tools: Upgraded existing command-line tools, which resulted in a 30% increase in performance and ease of use.
- Worked with database scripts, including Microsoft SQL Server and system-related scripts.

Web Developer Internship — Aug 2022 – Oct 2022
MIKO — Lublin

- Code Refactoring: Led a code refactoring initiative that improved code readability and maintainability, reducing bugs by 20% and improving overall software quality.
- Testing and Quality Assurance: Executed rigorous testing procedures that identified and resolved critical bugs, improving software reliability and user satisfaction by 15%.
- API Integration: Integrated third-party APIs into existing systems, expanding feature sets and capabilities.
- Utilized version control systems to manage and track changes in the code base.
- Custom Website Development: Developed and deployed custom websites, contributing to a 10% increase in client engagement and a 25% rise in website traffic.

Projects

Job Starter | Typescript, Next Js, React, Tailwind CSS, PostgreSQL, Superbase, Git   June 2023 – Present
- Developed JobStarter, a job posting platform designed for both individual users and recruiters. The application enables job seekers to browse jobs available and allows recruiters to post job openings and manage applications.
- Showcased expertise in full-stack web development, user interface design, and creating scalable web applications.
- Implemented a clean and intuitive interface, providing a seamless experience for users on both sides.
- Technologies used include Nest JS, Vercel, Tailwind CSS, and Superbase, with a focus on responsive design and efficient data handling.

Task Manager | Java, Typescript, Spring Boot, Postgresql, React, CSS, Maven, Git   June 2024 – Present
- Developed a robust and secure solution for organizing and managing tasks, built with modern web technologies. Leveraging Spring Boot on the backend, the app ensures a scalable and efficient server-side experience.
- Crafted the frontend with React, Vite, and TypeScript, providing a fast, interactive, and user-friendly interface.
- Implemented JWT-based authentication, ensuring secure access and data integrity.
- Managed data using PostgreSQL, ensuring reliable and efficient database performance. This combination of technologies makes the Task Manager app a powerful tool for personal and team productivity, ensuring a seamless and secure user experience.

Skills

- Programming Languages: Java, TypeScript, JavaScript, SQL (PostgreSQL), NoSQL (MongoDB), Python
- Frameworks: Spring Boot, Hibernate, Angular, React.js, Next.js, Express.js, Tailwind CSS
- Markup Languages: HTML, XML
- Tools: Visual Studio Code, IntelliJ IDEA, Maven, Gradle, Git, Docker
- Testing: Junit, Mockito
- Methodologies: Scrum

Certifications

- Java OOP
- Javascript Fundamentals
- Node.js, Express.js, and MongoDB: The Complete Bootcamp Jonas Schmedtmann
- Android Development Hands on With Java Oak Academy