Nikan Radan

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SUMMARY

Computer Science professional with 6 years of experience, over 1 million downloads, eager to apply full-stack development skills in a dynamic team environment to drive innovation and growth.

PROJECTS

Car Shop

nikanradan.com/portfolio/car-shop/ · February 2024 – Present

- Engineered a dynamic Car Shop management application using Spring Boot, facilitating efficient handling of inventory, sales, and customer engagements.
- Designed and implemented a sophisticated SQL database schema to optimize data storage and retrieval processes for vehicle information, boosting performance and scalability.
- Created intuitive and responsive user interfaces employing Spring MVC, enhancing user experience through seamless navigation and immediate access to vehicle data.
- Utilized Gradle to enhance the build process, automating the setup by downloading Node.js and NPM as needed, and employing these tools to transpile TypeScript, ensuring a streamlined development environment with no manual configuration required.

Health Levels

nikanradan.com/portfolio/health-levels/ · June 2021 – Present

- Developed a Minecraft mod that scales player health based on experience levels, adding depth to gameplay mechanics.
- Architected an adaptable health system, enabling players to personalize progression and challenge settings.
- Utilized Java for backend development, focusing on robust server-side command functionality and user experience customization.
- Applied mixin techniques for code injection to enhance Minecraft's experience system, introducing a novel health level mechanic.
- Reached an impressive milestone with over 60,000 downloads, highlighting the mod's widespread popularity and high level of user engagement.

Solar Apocalypse

nikanradan.com/portfolio/solar-apocalypse/ · May 2021 – Present

- Engineered a Minecraft mod to simulate a post-apocalyptic environment through a multi-phase system, enhancing user engagement.
- Implemented customizable settings using Java, allowing user-defined game difficulty and environment dynamics.
- Integrated Kotlin for advanced feature development, showcasing expertise in cross-language software solutions.
- Employed advanced mixin methodologies for code injection to integrate new environmental degradation phases into Minecraft's core gameplay.
- Achieved significant user engagement and popularity by amassing over 39,000 downloads, demonstrating the widespread appeal and success of the mod.

EDUCATION

Bachelor's of Science in Computer Science

Western Governor's University · Milcreek, UT · 2025 · 3.6 GPA

COURSEWORK

Advanced Java – D387

Western Governor's University · 2024 · Java and Spring Boot

Data Structures and Algorithms I – C949

Western Governor's University · 2023 · Java

SKILLS

Java, Kotlin, Spring Boot, Gradle, SQL, C, C#, Git, HTML, CSS, JavaScript, TypeScript, Full-Stack Development, Web Development, Software Design, Project Management, Game Modding, Code Injection, Math, Problem Solving and Analytical Skills, Object-Oriented Programming, Database Management, Version Control