Praveen Dhandayuthapani

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EDUCATION

BACHELOR DEGREE of Engineering
Science in Computer Systems
Riga Technical University, Riga
Graduated: 19/01/2024

SKILLS AND ACCOMPLISHMENTS

- **Programming Languages**: JavaScript, TypeScript, Java
- **Web Development**: HTML, CSS, Bootstrap, React, Angular, Spring Boot
- **Databases**: MySQL, XML, Orange Tool
- **Tools & Technologies**: Git, GitHub, GitLab, Jenkins, Docker
- **Other**: Data Structures and Algorithms, Agile Methodologies

WORK EXPERIENCE

Vertically Integrated Project (Scholarship Program)
Riga Technical University, Riga | 2022 – 2023

- Developed a sensor-based system to monitor room temperature, humidity, CO2 levels, and occupancy to assess COVID-19 transmission risk.
- Created, labeled, tested, and trained datasets using Python and machine learning tools.
- Collaborated with a multidisciplinary team to deliver the project on time.

PROJECTS

Ecommerce Website

- Developed a fully functional ecommerce website using React and Spring Boot.
- Implemented product filtering, search functionality, and a shopping cart system.
- Ensured secure access to products by ID and integrated a payment gateway.

Exam Portal

- Built an exam portal using Angular and JSON server for backend operations.
- Implemented role-based access control (admin and student roles) and protected routes using Auth Guard.
- Enabled admins to add/remove questions and students to take exams with results stored in the backend.