Jaspreet Singh

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SKILLS

Programming Languages: Ruby**,** JavaScript, HTML, CSS, Java, SQL, Kotlin, Python, C++
Technologies & Frameworks: Ruby on Rails, React, Express.js, Redux, Tailwind CSS, Git, MySQL, PostgreSQL, MongoDB, Firebase, RESTful APIs, Node.js,Vanilla Js, Rspec, Visual Studio, Amazon Web Services (AWS)
Other Skills: Documentation, Test Driven Development, Agile, Scrum, Web Services, Web Development, Debugging
Languages: Fluent in Italian, Punjabi/Hindi

EDUCATION

App Academy	
Full Stack Web Development	**Completed June 2024**
New Jersey Institute of Technology	**Newark, NJ**
Bachelor of Science in Computer Science	**Class of 2023**
Middlesex College	**Edison, NJ**
Associate of Science in Computer Science	**Class of 2021**

PROJECTS

GENIE (React / Redux, Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS)   live | github
A MERN stack project that leverages AI to generate flashcards from user-uploaded note

- Styled the frontend for a responsive web page using Tailwind CSS, ensuring consistent design across devices.
- Managed data fetching and state management using Redux store by creating actions and constants.
- Developed a modal for user registration and login using React.js and Tailwind CSS, incorporating a demo login feature.

STAYHUBNB (Ruby on Rails, React, Redux, HTML5, CSS3, PostgreSQL, AWS S3, Render, Node.js)   live | github
An AirBnb clone, that allows users to find and book accommodations worldwide, offering a wide range of lodging options.

- Created secure encryption for passwords using BCrypt, validating credentials on both frontend and backend.
- Integrated AWS S3 for scalable, secure, and reliable image storage.
- Structured backend responses to HTTP requests using Jbuilder, formatting data as JS objects.
- Implemented PostgreSQL as the database solution, ensuring robust data handling.

SPACE SHOOTOUT - Action Packed Space Adventure Game (JavaScript, Canvas)   live | github
A JavaScript game where players maneuver a spaceship to shoot and evade obstacles and enemies in a space-themed environment.

- Developed an interactive space shooter game utilizing advanced JavaScript techniques.
- Implemented collision detection algorithms and optimized game physics.
- Leveraged the HTML5 Canvas API for dynamic rendering of game graphics and animations.
- Employed Vanilla DOM manipulation for responsive and intuitive user interfaces.

RECOLLECTION APP - Lead Reminder Functionality Developer (Kotlin, Firebase)   github
An app that combines notes, reminders, your calendar, & spreadsheets all in one place.

- Led the development of the reminder feature using push notification services and scheduling algorithms.
- Integrated reminders with calendar events, notes, and financial tracking.

WORK EXPERIENCE

Racestar Inc	**Carteret, NJ**
Assistant Store Manager	Jan 2021 - Mar 2024

- Streamlined complaint resolution processes, increasing customer satisfaction by 25%.
- Improved inventory control and order fulfillment efficiency, reducing operational costs by 15%.

7-Eleven Store	**Union, NJ**
Senior Sales Associate	Jan 2020 - Jan 2021

- Enhanced customer interactions, increasing satisfaction scores by 20%.
- Minimized excess inventory and reduced out-of-stock situations, improving efficiency by 10%.

INTERESTS

Cricket, Soccer, Hiking, Traveling, Cycling, Dancing (Bhangra)