ZUHAAD A. RATHORE

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PROFILE SUMMARY

Aspiring Software Engineer with considerable freelance experience in web development, graphic design, and 3D modeling. Proficient in JavaScript, Java, and frameworks such as React, Next.js, and Spring Boot. Successfully completed numerous web development projects, delivering consistent high-quality results. Adept at creating engaging and intuitive user experiences, demonstrated through projects like a cross-platform 2.5D roguelike game and an accessible project management tool. Recognized for technical excellence and leadership through awards in programming competitions and active roles in school-based technical and academic organizations. Passionate about leveraging technology and design to solve complex problems and enhance user engagement.

EXPERIENCE

Freelance Web Developer & Graphic Designer | Malvern, PA | 2021–Present
- ❖ Completed over 50+ projects utilizing React, Next.js, and Spring Boot
- ❖ Successfully retained clients through consistent high-quality deliverables.

3D Modeling Freelancer | Dubai, UAE | 2021–2022
- ❖ Created 30+ bespoke game assets, for various clients.

PROJECTS

2.5D Roguelike Game | LibGDX, Java
- ❖ Developed a physics engine allowing for complex player movement mechanics and projectile collisions

Nexus Project Management Tool | Next.js
- ❖ Built an intuitive website platform designed for ease-of-use by novice project managers.

TECHNICAL SKILLS
- ❖ **Languages & Tools:** Java, Python, Rust, C++, HTML, CSS
- ❖ **Frameworks & Databases:** React.js, Next.js, Spring Boot, MySQL, MongoDB
- ❖ **Design & Tools:** Figma, Blender, GitHub, Photoshop, Aseprite

EDUCATION

Great Valley High School (GVHS), Malvern, PA | Grade 11 | Expected Graduation: June 2026
- ❖ **AP Courses:** AP US History (4), AP CSP (5), AP Human Geography (5), AP Computer Science A (Ongoing), AP Language (Ongoing), AP World History (Ongoing), AP Psychology (Ongoing)

COMPETITIONS & AWARDS

- ❖ 1st Place (From my school), **HackTheValley**- Was the highest scoring team from GVHS at our hackathon
- ❖ 4th Place, **HackStoga** - Was the 4th team in a project based hackathon
- ❖ 3rd Place, **Code Lm -** Was the 3rd team in a Data Structures and Algorithms based hackathon
- ❖ **USACO (United States of America Computing Olympiad) Silver Division -** Achieved the silver division
- ❖ **AP Scholar -** Received the AP Scholar award

LEADERSHIP EXPERIENCE

- ● **Secretary**, Linguistics Club | 2023–Present
- ● **Technical Advisor**, Computer Science Club | 2023–Present
- ● **Programmer**, Robotics Club | 2023–Present
  - ○ Mentored middle school teams and organized club projects.
- ● **Secretariat**, Model United Nations | 2021–Present
  - ○ Regularly represented GVHS in multiple regional and national conferences.