

Shriya Nangia

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EDUCATION

The University of Iowa, Iowa City, IA

B.S Computer Science - University Honors, Honors in Major
Minors in Math, Cinema

August 2019 - May 2023

GPA: 3.34/4.0

TECHNICAL SKILLS

Frontend Development: HMTL/CSS, Javascript, Typescript, React.js, Node.js, Redux, Tailwind CSS

Programming Languages: Python, C/C++, C#, Java, Haskell, Bash

Developer Tools: Adobe Creative Suite, Unity Game Engine, Microsoft Office Suite, Matlab, Supabase, Appwrite, Stripe API, Git, GitHub, Visual Studio, CLion, IntelliJ, JIRA

PROFESSIONAL EXPERIENCE

Software Engineer, Frontend | Hitachi Vantara

August 2022 - Present

Development: Cloud-based Lab-as-a-Service platform

- Enhanced user satisfaction through **7 high-performance feature implementations** aligned with customer feedback
- Led end-to-end development of an admin-side **reporting module**, providing management with **5 interactive data visualizations** and **real-time tracking of lab usage statistics** highlighting actionable insights for decision-making
- Fixed 150+ administrative and user-facing bugs**, contributing to an enhanced user experience
- Collaborated with a **15+ member global team** utilizing **Agile and Scrum methodologies** to manage timelines, streamline development processes, and deliver iterative updates
- Earned the **Platinum Award** and **Sapphire Award** for exceptional contributions to HALO's growth and success

Product

- Expanded responsibilities to contribute to product direction and roadmap while continuing technical development
- Played a pivotal role in **transitioning HALO from an internal platform to a public-facing product**, conducting **competitive analysis** and identifying gaps
- Spearheaded the creation of the **HALO homepage**, collaborating with UX Designers to refine designs and ensure brand alignment, and Marketing and Technical Editing teams to **develop promotional content**
- Conducted a comprehensive Jira backlog cleanup by reviewing and closing completed issues, **reducing backlog clutter by 50%**, and prioritizing open and relevant stories, bugs, and feature requests
- Contributed to **product roadmap discussions** with the Senior Director, providing feature recommendations
- Presented webinars and technical walkthroughs** to internal stakeholders and external partners, enhancing platform adoption and usability
- Earned the **One Winning Team Award** for contributions to HALO's public launch and growth
- Successfully contributed to HALO's **product strategy**, aligning it with user needs and business goals

PROJECTS

Hotel Management Portal

- Developed a web application for **managing bookings**, cabins, and guest profiles using an **API-driven architecture**
- Built simple, reusable, and **modular components**, allowing for creation of complex user interfaces
- Conducted thorough **profiling and performance optimizations** to minimize load times and enhance overall application responsiveness

Hotel Website with Stripe Payment

- Designed and developed a **frontend booking interface** integrated with **Stripe** for secure payment processing
- Integrated Supabase for **authentication, database operations**, and secure file storage, streamlining backend management systems and ensuring smooth communication with the customer-facing website through **REST APIs**
- Deployed the application through **Vercel**, leveraging **continuous integration, version control systems, and automated build processes** for efficient development workflows and streamlined updates

Social Media Application Clone

- Designed an explore page with **infinite scroll** for seamless browsing, highlighting top creators and trending posts
- Optimized data handling using **React Query**, incorporating auto-caching, parallel queries, and efficient server-state management for seamless **real-time data updates**
- Applied principles of usability and accessibility to create an intuitive **mobile-first experience**