Shriya Nangia

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EDUCATION

The University of Iowa, Iowa City, IA   *August 2019 - May 2023*
B.S Computer Science - University Honors, Honors in Major   GPA: 3.34/4.0
Minors in Math, Cinema

TECHNICAL SKILLS

Frontend Development: HMTL/CSS, Javascript, Typescript, React.js, Node.js, Next.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, Bitbucket, Visual Studio, CLion, IntelliJ, Jira

PROFESSIONAL EXPERIENCE

Software Engineer | Hitachi Vantara   *August 2022 - Present*
Frontend Development

- Developed and **shipped 7+ high-performance features** for a **large-scale, cloud-based Lab-as-a-Service platform**, improving user engagement and satisfaction based on customer feedback
- Built client-side code using **React, JavaScript,** and **modern frontend tooling**, implementing **bundling, linting (ESLint, Prettier), and testing** to ensure high-quality, scalable development
- **Designed and launched** an admin-side reporting module, delivering **5+ interactive data visualizations** with real-time tracking of lab usage analytics, enabling **data-driven decision making**
- **Led the end-to-end frontend development** of HALO's public homepage, collaborating with **UI/UX designers, marketing, and technical writing teams** to ensure brand alignment and accessibility compliance
- Refactored frontend components with **150+ bug fixes**, both user-facing and administrative
- Collaborated with a **15+ member global team** across engineering, product, and design utilizing **Agile and Scrum methodologies** to manage timelines, streamline development processes, and iteratively deliver solutions
- Earned the **Platinum and Sapphire Awards** for key contributions to platform's growth and success.

Product Strategy and Leadership

- **Influenced the product roadmap**, transitioning the platform from an **internal tool to a public-facing product**, conducting competitive analysis, and identifying key user-driven improvements
- **Reduced Jira backlog clutter by 50%**, streamlining **prioritization of feature requests and bug fixes**
- **Partnered with product management and senior leadership**, providing **strategic feature recommendations** that aligned with user needs and business goals
- **Delivered technical presentations and webinars** to stakeholders and external partners, improving platform adoption and usability
- **Recognized with 'One Winning Team' Award** for contributions to a successful launch and growth

PROJECTS

Hotel Management Portal

- Developed a web application for managing bookings, cabins, and guest profiles using an **API-driven architecture**
- Built **reusable, and modular components**, allowing for creation of complex user interfaces
- Conducted **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 **usability and accessibility principles** to create an **intuitive mobile-first experience**