Dev Soni
Software Engineer

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EDUCATION

San Francisco State University – *Bachelor of Science in Computer Science*

Jan 2018 – May 2022, San Francisco   GPA : 3.6/ 4.0 (*Dean's Scholar List 2018 – 2022*)

Relevant Coursework :

- Data Structures and Algorithms
- Internet Application Design and Development
- Human-Computer Interaction
- Interactive Multimedia Application Development

SKILLS

Programming Languages : JavaScript (ES6), HTML5, CSS3, Java, TypeScript
Libraries & Frameworks : React, Redux, Node.js, Express.js, jQuery, Bootstrap, SASS
Database & Tools   : MySQL, Git, GitHub, Firebase, npm, RESTful API, JSON, HTTP, Selenium
Design   : Figma, WordPress CMS, Adobe Creative Suite

RELEVANT PROJECTS

Foodpedia Delivery *(React Website)*

- Extensively used **React UI** components and **Bootstrap** to develop a food ordering website
- Improved the **human-computer interaction** by 30% on each update
- Followed **UI/ UX practices**, including lazy registration and **responsiveness** across web and mobile
- Translated rich UX wireframes from **draw.io** mockups to **Figma** design prototypes
- Maintained an organized workflow using **GitHub** in an **Agile** work environment

Musical Visualizer *(TypeScript Web App)*

- Developed a **node.js** client & server side using **TypeScript,** and **Redux** state management
- Leveraged **tone.js** and **p5.js** to add interactive musical instruments and custom visuals
- **Pair programmed** to add search functionality and fetch metadata from **SQL** database

Foodpedia Recipe *(SwiftUI iOS App)*

- Pair programmed **MVC structure** using **SwiftUI** framework to display multiple screens
- Integrated **Spoonacular API** to fetch recipe data along with **JSON parsing**
- Designed using **Figma** and maintained via **SCRUM** meetings

TwiGle Shop Search (*SF Hacks 2020 Winner for Best API Use Case***)**

- Used **Google Search API** and **Twilio API** for searching nearby shops and redirecting results via SMS
- Parsed **JSON** data and integrated everything on **Android Studio**

RELEVANT EXPERIENCES

Computer Science Academic Tutor – *TASC & STEM Center*   [*Jan 2019 – May 2022*]

- Tutored students in **Data Structures, Algorithms, and HCI** to help in their projects, and coursework
- Organized coding workshops, hackathons, and created efficient roadmaps for students new to CS

Web & App Developer – *Freelance*   [*Jul 2019 – Jul 2021*]

- Created **React** data survey forms using **HCI methodologies**, for local gyms and NGOs
- Focused on web standards, cross-browser compatibility, and deployment on **Heroku**
- Used **media queries, SASS preprocessor,** and **DOM manipulation** to maintain dynamic designs
- Integrated **jQuery, AJAX calls,** and **REST APIs** for user experience in kids' games

Web & Video Developer – *Akshar Development Inc.*   [*Jun 2018 – Jun 2019*]

- *Developed **WordPress** website for H2SF Hilton using **Elementor** plugin*
- *Optimized **Yoast SEO** and **Contact Form 7**, resulting in 70% more traffic*
- *Lead in charge of media production to oversee Drones and Cameras on site*