Mounika Mamidala

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PROFESSIONAL SUMMARY

Experienced technology professional with 5+ years background beginning with 3-years in hardware and FPGA development where I honed my analytical and problem solving skills. Over the past 2 years, I have transitioned to Frontend development, designing and implementing user-centric web applications using HTML, CSS, Javascript, React.js and Next.js.

TECHNICAL SUMMARY

- Experienced frontend developer with a passion for creating responsive and user-friendly web applications.
- Proficient in HTML, CSS, and JavaScript, with a strong understanding of modern frontend frameworks such as React and Next.js
- Skilled in server-side technologies, including Node.js, and integrating them with frontend technologies.
- Skilled in translating UI/UX designs into code that meets high-quality standards and performance requirements.
- Adept at collaborating with cross-functional teams to deliver projects on time and exceed client expectations.
- Experience of working with the AGILE & SCRUM methodology and JIRA.
- Excellent team player with demonstrated initiative, strong interpersonal skills
- Seeking to leverage technical expertise and creative problem-solving skills in a dynamic development environment..

WORK HISTORY

SDE1   **May '22 – June '24**
Zivame, Bangalore.

- Focused on frontend development on web platforms.
- Updating tech stack to Next.js.
- Did major and minor feature development.

Validation and Technical Support Engineer   **Oct '18 – Jan '22**
HCL Technologies, Chennai.

- Worked on FPGAs in a sustenance project involving high-capacity printers.
- Responsibilities include debugging logs, analyzing problems, program FPGAs using Verilog and taking care of hardware issues.

PROJECTS

Cart Page

- Independently redeveloped the entire cart and offers page, utilizing jQuery and Handlebars templates.
- Designed and implemented multiple item selection components to enhance user experience.
- Integrated jQuery Slick Slider to create dynamic and responsive sliders for product images.
- Developed interactive pop-ups for user notifications and confirmations.
- Implemented API integrations for POST, PUT, DELETE, and GET requests to manage cart functionalities effectively.
- Implemented a flexible code structure to streamline A/B testing, contributing to a **32%** increase in cart conversions.

Image Upload Feature

- Developed a feature allowing users to upload photos for product return requests.
- Utilized an npm package "**multer**" to handle image uploads from the client to the server.
- Implemented the client-side functionality to capture and send image data to the Node.js backend.
- Processed the image buffer data received from the request body on the server side.
- Ensured secure and efficient transfer and storage of images for product return requests.
- Worked closely with the backend team to integrate this functionality into the existing system, ensuring seamless user experience and backend processing.

Home Page

- Took charge of the entire home page, implementing it in **Next.js** thereby improving performance by **18%**.
- Utilized React hooks to create interactive and dynamic animations.
- Worked closely with UI/UX designers to ensure seamless and visually appealing shopping experience.
- Actively engaged with backend developers to establish efficient API structures and utilized RESTful API standards and web protocols, ensuring seamless integration and optimal performance for frontend functionalities.

Integration of AWS Services and Firestore

- Integrated AWS services such as KMS, Cognito, and Secrets Manager into the application to enhance security and authorization processes.
- Utilized AWS KMS for encrypting sensitive data, ensuring data security and compliance with industry standards.
- Implemented AWS Cognito for user authentication and authorization, providing secure access control mechanisms.
- Configured AWS Secrets Manager to manage and retrieve database credentials and API keys securely.
- Integrated Firestore and utilized its real-time data fetching capabilities to enhance the application's responsiveness and user experience.
- Demonstrated proficiency in integrating third-party services and SDKs, optimizing the application's functionality and performance.

SKILLS

Languages: HTML, CSS, JavaScript, Typescript, Python3
Tools: React.js, Next.js, SASS, Handlebars, jQuery, Bootstrap,
Software: Node.js, Visual Studio Code
Experimented: Storybook (While I have not worked extensively with storybook I have experimented with it as part of my work)

EDUCATION

Shiv Nadar University, Uttar Pradesh   **2014-2018**
B.Tech (Electronics and Communication Engineering)