NANDHINI ARIVARIGNAN

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Professional Summary

- Experienced in the **FinTech** and **Ecommerce** industries with over 5 years of experience, I've successfully delivered 23 projects, including valuable experience gained during my time at **IBM**. Proficient in **full-stack development**, I specialize in creating quality SaaS web-based user experiences. I've led and maintained high-quality, positive user experiences for a diverse B2B and B2C web production portfolio, serving clients from multinational corporations to startups and consulting firms.

Skills

- Node | React | HTML5 | Angular 2+ | CSS3 | D3.js | Enzyme | JUnit | Typescript | REST API | SQL | JavaScript | LESS | SASS | Mocha
- Agile | ES6 | Webpack | Git | Kanban | Responsive Web Design | SEO | CI/CD | Jest | Accessibility | CMS | MVC | MongoDB | W3C

Professional Experience

Software Engineering Intern — **Ashtel LLC** — *Raleigh, NC*   **08/2023 - Present**

- Conducted comprehensive research on modern front-end frameworks and technologies to inform website architecture, utilizing **React 18(Redux and Flux), Spring Boot**, and **Java**.
- Leveraged server-side languages to optimize and refine codebase, enhancing performance, authorization mechanisms (JSWT) and stability through debugging and troubleshooting.
- Applying prototyping tools to create designs and staying up-to-date with latest trends and technologies in front-end development.

Frontend Engineer — **Independent** — *Madurai, India*   **02/2021 - 08/2021**

- Ownership a feature-rich mobile-first development single page application, offering custom Wordpress themes and website content management, while also leveraging Marketing Technology (**MarTech**) solutions to optimize user engagement and data-driven strategies.
- Efficiently retrieved and seamlessly integrated API data from **MySQL** database with scalable and maintainable code exceeding customer expectations.

Senior Front-end Developer — **IBM** — *Bengaluru, India*   **10/2019 - 02/2021**

- Led the frontend development of an analytical Fintech project for a leading global insurance corporation and successfully launched 6 products in 3 languages and 2 countries with Custom UI that led to a 25% revenue growth in digital products.
- Evaluated user stories, analyzed the feasibility, built a roadmap for technical development and managed project dependencies for seven sprints using **Kanban** and **JIRA**.
- Actively engaged in the Continuous Integration/Deployment Pipeline Integration, encompassing design analysis, implementing product features, load/stress testing, automation unit-tests/integration/functional testing, and successful client delivery, consistently adhering to budget and schedule constraints, using scalable Agile software development methodologies while maintaining high client satisfaction.
- Collaborated with business partners, BA team, designers, product managers, technical writers and developers in data visualization, product discovery, early design, flexible development and API integration using maintainable, well-tested, accessible, and well-documented code that adheres to **WCAG** accessibility standards & best practices.

Frontend Web Developer — **Tavant Technologies** — *Bengaluru, India*   **02/2017 - 10/2019**

- Test Driven Development of a cloud based data management platform using **React** reusable and modular UI components **D3.js, Azure** and **Google Cloud(GCP)** retrieval with extensive technical support and maintenance.
- Collaborated closely with internal collaborators, and cross-functional teams, to refine design requirements and enhance the user interface.
- ***Reported directly to department head:*** Led a comprehensive platform enhancement of the UI team's official digital portfolio containing several high-quality web experiences for prospective clients, resulting in a 40% increase in user engagement.
- Conferred with business analysts and UX teams to study information needs, write design documentation with functional and non-functional requirements, define application requirements, updating designs to suit W3C standards, programming pixel-perfect mockups of web pages from wireframes/mockups in multiple devices of varying sizes..
- Played a pivotal role in mentoring and guiding junior developers, fostering a culture of continuous learning and improvement.

Project Intern — **Tavant Technologies** — *Bengaluru, India*   **08/2016 - 02/2017**

- Troubleshooting user problems and proposed solutions in collaboration with the QA team for bug resolution post integration and user acceptance testing.
- Enhanced system stability through code refactoring, reusable components and bug resolution using JavaScript.
- Contributed to WordPress theming and developed content updates.
- Shared acquired knowledge and skill sets with fellow team members, fostering a culture of learning and knowledge dissemination.

Education

Master of Science — **University of Pittsburgh** — *Pittsburgh, PA*   **08/2021 - 04/2023**

- Information Science

Bachelor of Technology — **Coimbatore Institute of Technology** — *Coimbatore, India*   **08/2012 - 04/2016**

- Information Technology

Awards

- Three time winner of **Tavant's Quarterly Award** for contributions to the UI Team.
- **IBM'S FSS Manager's Choice Award**: Outstanding contributions by a newcomer **(03/2020)**