

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 high-quality, polished projects** using **full-stack modern web development**, combined with a Master's degree from the University of Pittsburgh. I specialize in creating quality SaaS web-based user experiences with extensive experience integrating third-party services for a diverse B2B and B2C web production portfolio, serving clients from multinational corporations to startups and consulting firms.

Skills

- React | Node | Agile | Postgres | AWS S3 | AWS Amplify | Azure Blob | Google Cloud Platform | HTML5 | CSS3 | DevOps | Typescript
- ES6 | REST API | Webpack | Git | Responsive | SEO | CI/CD | Jest | Accessibility | JavaScript | LESS | MongoDB | W3C | MVC

Professional Experience

Senior Frontend Full-Stack Engineer

IBM

Bengaluru, India **10/2019 - 02/2021**

- Led the frontend development of an analytical Agile Fintech project for a leading global insurance corporation using **React, Node, PostgreSQL** and **AWS Amplify** to integrate the API with the frontend; Successfully launched 6 products in 3 languages and 2 countries with Custom UI that led to a 75% revenue growth with the client.
- Evaluated user stories, analyzed the feasibility, sprint planning for frontend development and managed project dependencies for seven sprints using **Kanban** and **JIRA**.
- Actively engaged in the DevOps(Docker), Continuous Integration/Deployment Pipeline Integration, encompassing design analysis, implementing product features, load/stress testing, automation unit-tests/integration/functional testing and production support, consistently adhering to budget and schedule constraints, using scalable Agile software development methodologies while maintaining high client satisfaction.
- Collaborated with business analysts, clients, designers, product managers, technical writers and developers in data visualization, product discovery, early design, flexible development, code reviews and API integration using maintainable, well-tested, accessible, and well-documented code that adheres to **WCAG** accessibility standards & best practices.

UI Full-Stack Engineer

Tavant Technologies

Bengaluru, India **02/2017 - 10/2019**

- Test Driven Development of a cloud based data management platform using **React**, cloud infrastructures like **AWS S3, Azure Blob** 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:** Re-enhanced the UI team's official digital portfolio containing several high-quality web experiences, which lead 12 new clients post-launch - **React, JavaScript, Bootstrap and custom SVG animations**.
- Collaborated with business analysts and UX teams to study information needs, write design documentation with functional and non-functional requirements, define application requirements, updated designs to suit **W3C standards**, programmed pixel-perfect mockups of web pages from wireframes/mockups in multiple devices of varying sizes.
- Played a technical leadership role in mentoring and guiding junior developers of the team, fostering a culture of continuous learning and team building.

Relevant 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 (**JWT**) and stability through debugging and troubleshooting, and knowledge sharing with the team.
- Applying prototyping tools to create designs and staying up-to-date with latest trends and technologies in front-end development.

Full-Stack Engineer

Independent

Madurai, India **02/2021 - 08/2021**

- Ownership of a hands-on feature-rich single page application with third-party services, offering custom Wordpress themes and website content management, while also leveraging Marketing Technology solutions to optimize user engagement and data-driven strategies.
- Efficiently retrieved and seamlessly integrated API data from **Postgres** with scalable and maintainable code, while directly engaging with clients.

UI 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**)