Kapil Shyam Pawar

Arlington, Tx | (682) 406-8760 | kxp5534@mavs.uta.edu | https://www.linkedin.com/in/kapilshyampawar

EDUCATION

University of Texas at Arlington, College of Engineering Arlington, Texas
Master of Science (MS) in Computer Science (CS) / GPA: 3.7 Fall 2023-Current

Vivekanand Education Society's Institute of Technology Mumbai, India
Bachelor of Engineering (BE) in Electronics & Telecommunication June 2018

SKILLS AND EXPERTISE

Databases: Oracle, MySQL, MongoDB, Firebase, SAP
Programming Languages: JavaScript, TypeScript, HTML5, CSS, Python, JAVA, Kotlin, C, C++, C#
Technologies: Next.js, React.js, Node.js, Material UI, Tailwind CSS, Bootstrap, Azure DevOps, Git, Google Cloud Platform, REST API, SOAP API, Linux/Unix, CI/CD, Android SDK, Android Studio

EXPERIENCE

Accenture Munich, Germany
Senior Software Engineer February 2022 – July 2023

- Led the design and development of a high-performance Client's E-Commerce using Next.js, **reducing page load times by 25%**, and increasing customer engagement by 35%, generating a revenue of **€60 Million** per year.
- Collaborated closely with the Process Director to develop and implement a comprehensive project budget tracking dashboard using **React.js, Redux, and Rest APIs**, fostering transparency, and enabling streamlined oversight of ongoing enhancements and projects across EMEA. Enhanced communication channels between project managers and development teams, optimizing project coordination and outcomes.
- Worked with cross-functional business teams spanning Europe and Asia to meticulously analyze, define, and successfully implement innovative features. This resulted in a **55% surge** in user satisfaction, reflecting the direct impact of our joint efforts on enhancing product functionality and user experience.
- Led end-to-end management of the **Software Development Life Cycle (SDLC)**, overseeing the comprehensive process from conceptualization and design through to analysis, development, rigorous testing, seamless implementation, and support for multiple ongoing projects. This encompassing responsibility ensured the smooth and efficient execution of projects while maintaining a high standard of quality throughout each phase of development.
- Developed CRUD APIs using **Next.js API Routes** and **Mongoose** to retrieve and store data from MongoDB collections and implemented caching which **enhanced performance by 40%.**
- Implemented authentication using **NextAuth.js**, enabling login with Google and other providers. **Increased new user registration rates by 20%** and **reduced authentication-related support tickets by 30%.**
- Utilized **Tailwind CSS** to rapidly build and style user interfaces in Next.js and React.js applications, **reducing development time by 40%** and ensuring consistent, responsive designs across multiple devices.

Accenture Mumbai, India
Software Engineer October 2018 – February 2022

- Implemented new features and enhancements for the existing client applications using **React** and **TypeScript**.
- Designed REST API endpoints to handle requests efficiently, improving server response time by 70% from **10ms to 3ms**.
- **Improved UI performance by 45%** by identifying bottlenecks, leveraging technologies like **Context API** and **React Hooks**.
- Well-versed in building reusable UI components with React, styled components, ensuring code maintainability and consistency.
- Skilled in Git for version control, Azure CI/CD pipelines, and agile methodologies. Proficient in Git Clone, branch management, merging, and Azure pipelines for seamless code deployment.

COURSE PROJECTS

Runtime Analysis for Sorting Algorithms

- Python-based Graphical User Interface (GUI) for sorting algorithms comparison.
- Features Bubble Sort, Merge Sort, Quick Sort, Insertion Sort, Heap Sort, and Selection Sort.
- Allows user input or random integer list generation (up to 20,000 elements).
- Real-time performance analysis through Matplotlib for visualizing algorithm efficiency.