Kapil Shyam Pawar

Arlington, Tx | (682) 406-8760 | kxp5534@mavs.uta.edu | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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
Relevant coursework: Data Structure & Algorithms, Cloud Computing & Big Data, DBMS, Machine Learning, Data Mining

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, PostgreSQL, Relational Databases
Programming Languages: JavaScript, TypeScript, HTML5, CSS, Python, Java, Kotlin, C, C++, C#, SQL
Technologies: Next.js, React.js, Node.js, Material UI, Tailwind CSS, Bootstrap, Azure DevOps, Git, GitHub, Google Cloud Platform, REST API, SOAP API, Linux/Unix, CI/CD, Power BI, Android SDK, Android Studio, GraphQL

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.
- Led end-to-end management of the **Software Development Life Cycle (SDLC)**, overseeing the process from design through analysis, development, rigorous testing, seamless implementation, and support for multiple ongoing projects.
- Implemented Azure DevOps deployment pipelines across 5 enterprise applications, increasing release frequency by **30%**. Enabled faster delivery through automation and continuous integration.
- 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%.**
- 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.
- Good understanding of using git for version control and source code management.

COURSE PROJECTS

Runtime Analysis for Sorting Algorithms   *Python, Tkinter, Matplotlib*

- 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.

ToDot   *OpenAI, Next.js, TypeScript, Tailwind*

- An AI-powered to-do list web app, using OpenAI API for an intelligent chatbot for quick task-related answers.
- Utilizes Pinecone API and vector embedding to enable efficient categorization and retrieval of tasks, enhancing the overall organization and accessibility of the to-do list.
- Integrated MongoDB, Prisma, and Clerk for robust data storage, backend operations, and user authentication in the project.