

ALKA KUMARI PANDIT

Email: alkapandit6101998@gmail.com | LinkedIn: [linkedin.com/in/alka-pandit](https://www.linkedin.com/in/alka-pandit)

Phone: +91 6232096540 | GitHub: github.com/alkapandit

PROFESSIONAL SUMMARY

With a strong passion for software development, I bring around 4+ years of expertise in React.js, Redux, JavaScript, Bootstrap, CSS,, Node.js and HTML to the table. My journey in React.js development has been all about creating sleek, user-friendly web applications. From responsive designs to smooth interactions, I've got a knack for crafting engaging digital experiences. I'm recognized for my ability to tackle challenges head-on, streamlining processes, and fostering productivity.

PROFESSIONAL EXPERIENCE

AUGUST 2024 TO PRESENT

SDE1, MOBILE PROGRAMMING

- Developed and maintained **scalable RESTful APIs using Node.js and Express** following the **MVC architecture (Models, Controllers, Services)** for clean and maintainable code.
- Implemented **JWT-based authentication and authorization** with **Access Token & Refresh Token flow** to ensure secure session management.
- Designed and optimized **MongoDB schemas and data models** for high-performance APIs.
- Built **secure file upload functionality** using **Multer / Cloud storage integration** with validation and size restrictions.
- Applied **middleware-based validation, error handling, and logging** for production-grade stability.
- Tracked and resolved issues on **JIRA**, prioritizing **quick fixes** and keeping the project on course.
- **Dockerized** local environments to speed up setup and ensure consistency across systems, reducing environment-specific issues.
- Enhanced existing features and integrated **Server-Side Rendering (SSR)** to improve functionality, address user feedback, and boost performance.
- **Researched upcoming features and tech options**, providing insights to guide future development.

AUGUST 2023 TO MAY 2024

FRONTEND DEVELOPER, AESS SOLUTIONS

- Designed and launched a custom **Social Media application** featuring real-time post updates using **WebSocket's**, including interactive features such as instant post notifications, real-time updates, and **polls/surveys** to enhance user engagement and interaction
- Engineered **image and video compression** solutions to optimize performance and enhance user experience, leveraging **Vite** for **faster build times** and efficient development.
- Integrated comprehensive **data visualization** tools, including **charting** functionality, for

improved data insights and user engagement.

- Implemented **secure data export** functionality, converting encrypted data into .xlsx format, ensuring user data privacy and accessibility.
- Developed a robust **Chat Application**, leveraging cutting-edge technologies like **WebSocket's** to enable **real-time communication** and collaboration among team members. This innovative approach significantly enhanced application responsiveness and productivity, with a notable **30% increase**. Emphasized intuitive **user interface design** and implemented scalable architecture to ensure a seamless web-based experience.
- Managed various modules, including office **location services** and **attendance tracking**, streamlining administrative processes and reducing manual workloads.
- Performed meticulous coding, **debugging** and timely bug fixes in frontend applications, ensuring optimal performance and user satisfaction through collaborative problem-solving and leveraging tools such as npm, webpack and babel for efficient bundling and optimization.

SEPTEMBER 2021 TO JULY 2023

JUNIOR SOFTWARE ENGINEER, COGNIZANT

- Integrated **Razorpay Payment** method into the web application, facilitating secure and convenient payment processing.
- Developed login functionality with **email OTP verification** and **JSON Web Tokens (JWT)**, ensuring secure access and enhancing user experience in the context of **component-based development** for **single-page applications (SPAs)**.
- Created new API endpoints and implemented those **RESTful APIs** on the admin panel, enabling seamless integration and expanding system functionality as a part of a team.

SKILLS

- React.js
- Redux
- Next.js
- JavaScript (ES6)
- Node.js
- MongoDB
- Express.js
- Tailwind CSS
- MUI
- HTML5 & CSS3
- Bootstrap
- Sass
- TypeScript

EDUCATION

BACHELOR OF TECHNOLOGY – COMPUTER SCIENCE, 7.98 CGPA, JUNE 2021

SCOPE COLLEGE OF ENGINEERING, BHOPAL

HIGHER SECONDARY SCHOOL (HSC) - PCM, 64.4%, MAR 2017

GIRLS GOVERNMENT HIGHER SECONDARY SCHOOL, MANDIDEEP (MP BOARD)

TECHNICAL SKILLS & TOOLS

- Git & GitHub
- Postman & Swagger
- SQL Server

- Vite