KUNAL PRASAD

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Education

Haldia Institute of Technology	**Aug 2017 – June 2021**
Bachelor of Technology in Electronics & Communication Engineering	*Haldia, West Bengal*
GPA: 8.50	

Experience

Digital Specialist Engineer, Infosys　　　　　　　　　　　　　　　　　　**Sep 2021 – Present**

Warehouse Management Application | React.js, Redux, Ag-Grid, MaterialUI

- Developed a responsive and user-friendly UI for a warehouse management system using **React.js** utilized **Redux** for state management, **Ag-Grid** for large data display, and **Material UI** for design enhancements, improving operational efficiency by 40%.
- Delivered comprehensive user stories by coordinating software development and testing teams; improved sprint efficiency by 25% in a fast-paced **Agile** environment with bi-weekly iterations.
- Performed thorough testing, documented UI and service components, and resolved over 25+ critical bugs while collaborating with the client's team to prioritize features based on customer feedback and strategic business requirements.

Television Subscription Service Application | React.js, Next.js, MaterialUI

- Developed and implemented a responsive, user-friendly interface for a TV subscription service application, ensuring seamless navigation and an intuitive user experience using **Next.js**, **React.js**, **ContextAPI**& **Material UI**.
- Collaborated with the project owner to implemented elegant solution to enhance user experience based on business requirements which led to cost savings and revenue generation exceeding $1Mn.
- Implemented **Axios** library and refactored code for all **RESTful API** integration's to improve efficiency, maintainability, and readability.

Middle-ware Service Application | Node.js, Express.js, Jenkins, Docker, Kubernetes, React.js

- Designed and implemented a middle-ware service to monitor, validate, and log requests and responses between multiple source and target systems, enhancing data integrity and system reliability.
- Collaborated with team in automating the deployment of 50+ services using **Docker** and **Kubernetes**.
- Developed a robust logging visualization service to enhance system monitoring and troubleshooting, significantly reducing time and increasing efficiency in issue resolution and operational management.

Projects

MyHolidays.com | *React.js, Node.js, Express.js, MongoDB*

- ∗ User Authentication: Implemented secured login and registration with HTTP cookies and **JWT** for seamless user experience.
- ∗ Hotel Management: Proficient in adding, editing, and viewing hotels, covering form inputs and state management.
- ∗ Image Uploads: Integrated **Cloudinary** for efficient image upload and management.
- ∗ Payment Integration & Booking Management: Successfully integrated **Stripe** for secure payments and implemented booking management features.

Technical Skills

Languages: JavaScript, TypeScript, HTML5, CSS/CSS3, C/C++, Python,DSA
Library /Frameworks: React.js, Next.js, Angular, Redux, Redux Toolkit, Tailwind, Bootstrap, MaterialUI, Jest, Enzyme, jQuery, Node.js, Express.js, Hapi.js, MongoDB, PostgreSQL, Docker, Kubernetes
Developer Tools: VS Code, Git/Github,Postman, Lens, Jenkins-CI/CD pipeline

Leadership / Extracurricular

- · Received **INSTA AWARD** from Project Owner for learnability, commitment and collaboration while working on exigency requirement for client.