PRINCE KUMAR JHA

Software Developer | Frontend Developer | Frontend & Backend Integration | Web Developer

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🔗 https://github.com/Princek469 📍 Noida - 201301

SUMMARY

Proficient Computer Science Engineering student with hands-on experience in designing, developing, and implementing software applications. Gained practical knowledge through my internship at Tata Advanced Systems Limited, where I contributed to optimizing software processes and solving complex problems. Demonstrated a strong ability to adapt to evolving project requirements and deliver solutions that improve efficiency. Eager to apply my experience and continue learning in a dynamic, growth-oriented environment.

WORK EXPERIENCE

SOFTWARE DEVELOPER ENGINEER

TATA ADVANCE SYSTEMS LIMITED

📅 09/2024 - Current   📍 Noida, India

TATA ADVANCE SYSTEMS LIMITED SOFTWARE DEVELOPER INTERN

- Designed and implemented responsive user interfaces for software applications utilizing Qt, contributing to a 30% increase in positive user feedback through improved usability and enhanced overall experience.
- Integrated innovative scaling models for enhancing image resolution, resulting in a significant 30% improvement in visual clarity within application workflows and elevating user engagement by optimizing graphics.
- Developed and optimized backend components utilizing C++ and Python, resulting in a 30% increase in application response times, enhancing overall user satisfaction with remarkable system efficiency.
- Collaborated closely with cross-functional teams to align UI designs with technical requirements and project objectives.
- Acquired in-depth knowledge of corporate software development practices, focusing on agile methodologies and conducting over 15 code reviews to enhance team collaboration and product quality throughout project lifecycles.

WEB DEVELOPER

ITIntern

📍 Remote

- Acquired hands-on experience in modern **web development methodologies**, contributing to the design and development of a **fully responsive web application**.
- Collaborated with industry experts to implement **best practices for front-end and back-end development**, streamlining workflows and reducing design iteration time by 25%.
- Enhanced technical proficiency in **HTML5, CSS3, and JavaScript**, successfully delivering a functional web prototype within the project timeline.

EDUCATION

Bachelor of Computer Science and Engineering

Galgotias University

📅 10/2021 - 07/2025   📍 Greater Noida

SKILLS

JAVASCRIPT(ES6+)	JAVA 8	C++	PYTHON	REACT JS

Object-Oriented Programming (OOP)	DATA STRUCTURE	REDUX

FIREBASE	Qt (C++)	SQL	GIT	GIT HUB	HTML5	CSS

INTEGRATION	RESPONSIVE DESIGN	AUTHENTICATION

TEAM PLAYER	DEBUGGING TOOLS(VS Code, QT Creator)

Learn New Technologies

PROJECTS

SUPER RESOLUTION

Key Skills: Qt Creator, C++, OOP, Python, Frontend-Backend Integration

- Crafted an intuitive frontend design for the Super Resolution application using RealESRGAN technology, enabling seamless image scaling up to four times while enhancing the visual clarity of processed images.
- Developed and integrated high-performance C++ and Python backend solutions, achieving a 25% reduction in processing time.
- Increased project delivery efficiency by 20% by aligning UI designs with technical requirements

Budget Friendly

Key Skills: React, JSX, Tailwind CSS, Firebase, Authentication

- Engineered a budget management application utilizing React.js, incorporating Firebase Authentication to ensure secure user sign-in and sign-up while enabling seamless access for over 300 active users in real-time.
- The application enables users to efficiently track expenses and manage finances with real-time data synchronization across devices.
- Implemented best practices in code organization and component reusability, ensuring a scalable and maintainable architecture.

Memory Remember Game

Key Skills: HTML, CSS, JAVASCRIPT

- **Developed an interactive memory game** to enhance cognitive skills like memory retention and focus through engaging gameplay.
- Featuring **progressive difficulty levels** and a **responsive, user-friendly interface** built with **HTML, CSS, and JavaScript**, the game has been praised for its **educational value** and ability to boost mental agility.

MY-PORTFOLIO

Key Skills: React, Javascript, CSS, NPM packages

- **Created a responsive personal portfolio** featuring projects, resume, and technical skills with a sleek multi-page design for seamless user experience across all devices.

LANGUAGES

English
Proficient

Hindi
Native