

# PRINCE KUMAR JHA

Software Developer Engineer | Frontend Developer | 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

#### IT Intern

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)	DSA	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. Collaborated cross-functionally to ensure superior usability for end-users, in alignment with project guidelines.

### Budget Friendly

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

- Developed a budget management application using React.js, featuring Firebase Authentication for secure user sign-in and sign-up.
- 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 that enhances cognitive skills through engaging gameplay.
- Implemented progressive difficulty levels and a user-friendly interface using HTML, CSS, and JavaScript.
- The game promotes memory retention and concentration, receiving positive feedback for its educational value and user engagement.

## MY-PORTFOLIO

**Key Skills:** React, Javascript, CSS, NPM packages

- Developed a self-designed personal portfolio showcasing some of my projects, resume, and technical skills.
- Implemented a fully responsive multi-page layout to ensure an optimal user experience across devices.

## LANGUAGES

English	<div><div></div></div>
Proficient	
Hindi	<div><div></div></div>
Native	