DEEPAK KUMAR

Full Stack Web Developer | Quality Assurance Tester

Faridabad, HR
+91 9310735606
chauhandeep5432@gmail.com

Linkedin - https://www.linkedin.com/in/deepak-kumar-5192a2231
Github - https://github.com/ss-deepak

With **over 2 years of hands-on experience under my belt**, I bring a wealth of knowledge and expertise to the table **as a full-stack developer and Quality Assurance**. Fueled by a passion for innovation and a commitment to continuous growth, I've honed my skills in both frontend and backend development, as well as quality assurance development.

I thrive on the challenges of creating robust, user-centric solutions that leave a lasting impact. My strong communication skills have enabled me to effectively collaborate with teams and stakeholders, driving projects forward with clarity and precision. I remain eager to tackle new challenges, embrace emerging technologies, and contribute meaningfully to the ever-evolving landscape of web development.

EXPERIENCE

Full Stack Web Developer | Simran Software Solutions Pvt. Ltd. 01/2023 - *current*

- Collaborated with cross-functional teams to ensure seamless integration of front-end and back-end components, delivering fully functional web applications.
- Increased website performance by optimizing front-end and back-end code for faster loading times, used Javascript, SQL and No-SQL to develop app-solutions.
- **Created easy-to-use APIs** for third-party integrations, enhancing the functionality of existing applications without compromising on performance or security.
- **Optimized database queries** for improved query execution times, **ultimately enhancing application responsiveness**.
- Provided technical **mentorship to junior developers**, fostering a collaborative learning environment within the team that encouraged professional growth for all members involved.
- **Reviewed code, debugged problems, and corrected issues.**
- Used NodeJS, ExpressJS and SQL/No-SQL to develop and manage databases.

Quality Assurance Engineer | Simran Software Solutions Pvt. Ltd. 09/2023 – *current*

- **Supported successful product launches by conducting extensive pre-release testing** and validation activities.
- Established effective communication channels between QA, development, and project management teams to foster a collaborative working environment focused on delivering high-quality products.

- Collaborated with developers and project managers to assess program capabilities, features and testing demands.
- Increased product reliability by performing thorough regression testing on each release cycle.
- **Ensured timely delivery of high-quality products** through effective coordination with cross-functional teams.
- Optimized **test cases to maximize success** of manual software testing.
- Advised developers on problems with **databases, performance, and other issues.**

Frontend Web Developer | Aquicksoft Pvt. Ltd., Noida   01/2023 – 07/2023

- **Improved website user experience** by redesigning the interface and optimizing navigation.
- **Resolved front-end bugs promptly,** ensuring optimal website performance at all times.
- **Implemented SEO** best practices in coding and content structure for improved search engine visibility.
- **Developed custom-built web applications** tailored to clients'' specific needs.
- **Enhanced mobile responsiveness** for better user access across various devices.

SKILLS

- **Python** Programming
- **JavaScript** expertise
- **Express.js** Familiarity
- **React.js** Proficiency
- **API** Integration
- **Node.js** Knowledge
- **Java** programming
- **SQL** Databases
- **NoSQL** Databases
- **PrimeReact**
- **MaterialUI**
- **Bootstrap**

- Quality Assurance Strategy
- **API Testing** Experience
- **User Acceptance** Testing
- **Software Development Lifecycle**
- Team Collaboration
- **CSS | SCSS proficiency**
- Quality Assurance
- **Sprint Planning**
- **Supabase**
- **Firebase**
- **Socket.io**

- Project Management
- **Version Control Systems: Git**
- **Team Mentoring**
- Responsive design
- **SEO best practices**
- Performance Optimization
- **Mobile App Development**
- **Object-Oriented Programming**
- **CometChat**
- **Yargs | CLI tools**
- **NestJS**
- PDFTron/webviewer

EDUCATION

B.Tech (CSE) | Satyug Darshan Institute of Engineering And Technology   2019 - 2023

Courses included Data Structures, Algorithms, Computer Architecture, Operating Systems, and Software Engineering

- **Overall CGPA** – 85.9
- **Final Semester CGPA** – 88.9

Non-Medical | Blue Bird Sr. Sec. School   2017 - 2019

- **CGPA –** 72.5

CERTIFICATES

1. Certified ReactJS developer - *Coursera*
2. MS Excel - Coursera
3. Joy of Computing with Python - *NPTEL | IIT Madras*
   - Web-scrapping, Auto-login - *beautifulsoup4, Selenium*
   - Animation - *Scratch*
   - Scripting - *VS-Code*

4. Programming in Java - *NPTEL | IIT Kharagpur*
   Here, I learn basic operation using Java Programming Language.
   - **OOPS** *(Object Oriented Programming Language)*
   - **Design Patterns in Java** - *Creational and structural design pattern.*

PROJECTS

Car dealership management system *(involvement 10%)*

Designed, developed, and maintained a comprehensive car dealership management system website, streamlining operations and enhancing customer engagement. Key responsibilities and achievements included:

- **Frontend Development:** Created a user-friendly and responsive interface using HTML, CSS, JavaScript, and modern frameworks like React, ensuring an intuitive user experience across various devices.
- **Customer Relationship Management (CRM):** Developed a CRM module to manage customer information, track interactions, and improve customer service and sales follow-ups.
- **Appointment Scheduling:** Implemented a scheduling system for test drives, service appointments, and consultations, improving customer convenience and dealership efficiency.
- **Performance Optimization:** Optimized the website for performance, including fast load times and smooth operation under high traffic conditions.

- **Testing and Debugging:** Conducted rigorous testing, including unit, integration, and end-to-end testing, to ensure high-quality code and a bug-free user experience.
- **Collaboration and Communication:** Worked closely with cross-functional teams including designers, product managers, and QA engineers to deliver high-quality features on time.

Technologies Used:
React, Next.js, Primereact, Cometchat, PDFTron/webviewer, Pub-Sub, Jest etc.

Ecommerce App *(involvement 100%)*

Developed and maintained a robust and user-friendly ecommerce application, leveraging modern technologies to enhance the online shopping experience. Key responsibilities and achievements included:

- **Frontend, Backend and Database Management.**
- **API Integration:** Integrated third-party APIs for payment processing (Stripe, PayPal) ensuring seamless and secure transactions.
- **Feature Implementation:** Developed key features such as **product catalog** management, **shopping cart**, checkout process**, order tracking**, and **user authentication**.
- **Version Con trol:** Utilized Git for version control and collaborated on code repositories using GitHub/GitLab, ensuring efficient team collaboration and code management.

Technologies Used: HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB, Stripe, PayPal, Git, GitHub, Firebase, Socket.io.

Auto-login system *(involvement 100%)*

Developed an efficient auto-login system using Python and Selenium to streamline and automate the login process for web applications. Key responsibilities and achievements included:

- **Automation Scripting:** Created robust scripts in Python to automate the login process for multiple web applications, enhancing productivity and reducing manual effort.
- **Selenium Integration:** Utilized Selenium WebDriver to interact with web elements, simulate user actions (like entering credentials and clicking login buttons), and navigate through various web pages.

Technologies Used: Python, Selenium WebDriver.

Web scrapping *(involvement 100%)*

Developed and implemented efficient web scraping solutions to extract valuable data from various websites, aiding in data-driven decision-making. Key responsibilities and achievements included:

- **CRON** implementation**.**
- **Web Scraping Scripts**: Designed and developed web scraping scripts using Python and libraries such as BeautifulSoup, Scrapy, and Selenium to extract data from complex web pages.
- **Data Parsing and Cleaning**: Implemented robust data parsing and cleaning techniques to transform raw data into structured formats, ensuring accuracy and usability.
- **Automation and Scheduling:** Automated web scraping tasks using scheduling tools like Cron and integrated them into data pipelines for regular data updates.

Technologies Used: Python, BeautifulSoup, Scrapy, Selenium, SQL, MongoDB, Cron, Git, GitHub.