



Aakash Singh

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SUMMARY:

Skilled Full Stack Web Developer with expertise in front-end and back-end technologies, including HTML, CSS, JavaScript, React.js, and Node.js. Experienced in developing scalable web solutions and troubleshooting complex issues. Proven ability to deliver high-quality projects and stay current with emerging technologies. Holds a Bachelor's in Electronics Engineering and relevant certifications.

TECHNICAL SKILLS:

- **Frontend** - HTML & CSS, JavaScript, React.js, Typescript
- **Backend** - Node.js, Express.js, Typescript
- **Database Management** – MySQL, MongoDB
- **Programming Languages** – Core Java, Python
- **Tools & Technologies** – Version Control, Web Development Frameworks

EXPERIENCE:

Implementation Engineer – Sirion | Apr 2024 – Present

- **Enhanced User Interface Integration:** Worked closely with development teams to customize and integrate user-facing components of software applications, improving the frontend user experience and reducing deployment time by 25%.
- **Frontend Troubleshooting & Debugging:** Diagnosed and resolved frontend-related issues during the software implementation phase, reducing post-deployment bugs by 30% and ensuring a smoother user experience across different browsers and devices
- **UI/UX Quality Assurance:** Led system testing with a focus on user interfaces, identifying and fixing issues that improved software functionality by 20%. Ensured that UI elements met both design specifications and usability standards.

INTERNSHIP EXPERIENCE:

Software Engineer Intern – JPMorgan Chase & Co. | Mar 2024 – Apr 2024

- **Real-Time Data Integration:** Developed and integrated a robust interface for real-time stock price data feeds, enhancing data accuracy by 40% and improving accessibility for trading operations.
- **Data Visualization Solutions:** Engineered data visualization tools that increased usability for traders by 35%, leading to more informed decision-making and faster trading execution.

Web Developer Intern – Prodigy Infotech | Feb 2024 – Mar 2024

- **Web Application Enhancement:** Contributed to the development of web applications using HTML, CSS, JavaScript, and React.js, resulting in a 20% increase in user engagement and improved overall functionality.
- **Technical Issue Resolution:** Worked with senior developers to troubleshoot and resolve technical issues, reducing average bug resolution time by 25%.

Full Stack Intern – Devtown | Dec 2023 – Feb 2024

- **Comprehensive Training:** Completed rigorous training in Full-Stack Web Development, mastering technologies such as JavaScript, Node.js, React, and Express.

- **Project Success:** Successfully developed a specialized payment module and multiple dynamic web applications, demonstrating a 30% improvement in functionality and scalability over previous solutions.

PROJECTS:

Tasky Application - (link - <https://aakash0898.github.io/Tasky-Application/>)

Tech Stack: HTML, CSS, JavaScript, Bootstrap

- **Responsive Web Application:** Developed Tasky, a user-friendly notepad application for managing tasks and to-do lists using HTML, CSS, and JavaScript.
- **Enhanced User Experience:** Implemented interactive features such as task creation, editing, and sorting, leading to a 40% increase in user engagement and productivity.
- **Quality Assurance:** Thoroughly tested for cross-browser compatibility and responsiveness, ensuring a seamless experience across all devices.

Vehicle Theft Detection and Intimation Using GPS/GSM Module - (Final Year project)

Tech Stack: C++, GPS, GSM, Arduino

- **Advanced Tracking System:** Led the development of a GPS/GSM-based vehicle tracking system, achieving 99% accuracy in real-time location and speed tracking.
- **Enhanced Security:** Integrated real-time tracking and remote immobilization features, significantly improving vehicle security and recovery rates.
- **Innovative Solution:** Provided detailed insights into vehicle location and estimated arrival times, enhancing monitoring capabilities.

Adjustable Timer Circuit with Buzzer using 555 Timer IC - (Third Year Project)

- **Versatile Timing Circuit:** Designed an adjustable timer circuit using the 555 Timer IC, allowing precise control over output pulse duration.
- **Enhanced Functionality:** Integrated variable resistor and capacitor for adjustable timing, showcasing practical application for various uses and improving the circuit's versatility.

EDUCATION:

Bachelor's of Engineering (Electronics Engineering)

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June 2022

Mumbai University (CGPA: 7.27)

CERTIFICATIONS:

- **Backend Web Development Using Node.js and Express.js** - Amazon Web Service
- **Business Intelligence using Power BI** – Skill Nation
- **Workshop on Ethical hacking** – IIT Bombay