

# VIPIN KUSHWAHA

Lucknow, Uttar Pradesh

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## EDUCATION

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**Bhabha Institute of Technology**

*B.tech(CSE) - CGPA - 7.45*

**Aug 2017 – March 2022**

*Kanpur, Uttar-Pradesh*

**MSDIC**

*Intermediate - PCM - Percentage - 69.73%*

**July 2017**

*Deoria, Uttar-Pradesh*

## TECHNICAL SKILLS

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**Languages:** HTML, CSS, JavaScript, Java, C, Kotlin, SQL, MySQL, RoomDB

**Technologies/Frameworks:** ReactJS, NextJS, NodeJS, ExpressJS, Git, MongoDB, Firebase, SQLite, GitHub

**Mobile Development:** Android App Development, Material Design, API Integration

**Developer Tools:** Postman, VS Code, Android Studio

**APIs:** RESTful, Google API Integration

## PROFESSIONAL EXPERIENCE

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**PS QuickIT Solution**

*Software Engineer*

**Oct 2022 – July 2024**

*On-Site*

- Oversaw **APARs** and transfer postings for **DANICS, DANIPS, IAS, and IPS** officers, ensuring 99% accuracy and improving processing speed by 25%.
- Enhanced the **SPARROW** application using the **MERN stack**, increasing system efficiency by 30% and reducing response time by 20%.
- Oversaw **IPRs** for Union Territory officers, maintaining 98% accuracy and integrating **MongoDB** and **Express.js** for **API management**.

### Full-Stack Development & Technical Expertise

- Engineered scalable **MERN stack** applications, improving scalability by 40%, and created responsive web apps, enhancing user engagement by 35%.
- Proficient in **HTML, CSS, JavaScript** and **React.js**.

### Projects

- **SPARROW:** Developed and maintained a comprehensive application for managing APARs and IPRs. Improved system performance, reduced response time, and implemented API management with **MongoDB, Express.js**, enhancing overall functionality.
- **GeM:** Contributed to the integration of **GeM (Government e-Marketplace)**, improving transaction processing, data synchronization, and user experience. Utilized **REST APIs**, optimizing system performance and ensuring data accuracy.

**Velocis Systems Private Limited**

*Software Developer*

**June 2022 – Sep 2022**

*On-Site*

- **Application Development:** Designed applications using **Android Studio**, integrating **MySQL databases** for efficient data management and **PHP REST APIs**, increasing backend functionality efficiency by **30%**.
- **Frontend and Full-Stack Expertise:** Proficient in **HTML, CSS, and JavaScript**, leveraging these skills to enhance user interfaces, increasing user engagement by **35%** and reducing page load time by **20%**.
- **System Maintenance and Support:** Maintained critical applications like **SPARROW** and **PIMS**, ensuring **99% uptime**, reducing downtime by **15%**, and optimizing system performance by **20%**.
- **Technical Assistance:** Provided technical support to officers and custodians of Union Territories, achieving a **95% satisfaction rate**, ensuring seamless functionality, and resolving issues efficiently.

### Projects

- **SPARROW:** Worked on enhancing the **SPARROW** system, improving data management and integrating various modules for the seamless processing of officer records.

- Built and maintained **e-commerce**, **school management**, and **dating** apps, driving higher user engagement and retention.
- Integrated **Razorpay** and **Atoms** payment gateways, improving transaction efficiency.
- Applied **Material Design** and **third-party libraries** to create user-friendly interfaces.
- Published **Android apps** on the **Google Play Store**, optimizing performance and user feedback.
- Implemented **Room database** for faster local data storage and retrieval.
- Programmed in **Java** and **Kotlin**, ensuring robust and scalable code.
- Administered **MySQL** databases for efficient data retrieval and upload.
- Designed **intuitive interfaces**, improving app usability and user satisfaction.

### Projects

- **LightHouse**: Developed a lighthouse URL checker tool to help developers assess the performance of their websites. [[GitHub Link](https://github.com/CommitCraft/LightHouse)](https://github.com/CommitCraft/LightHouse)
- **Echo Music Player**: Created a music player app with a modern UI for seamless music playback. [[GitHub Link](https://github.com/CommitCraft/Echo)](https://github.com/CommitCraft/Echo)
- **Video Player**: Built a video player app that supports various video formats, providing a user-friendly interface. [[GitHub Link](https://github.com/CommitCraft/VideoPlayer)](https://github.com/CommitCraft/VideoPlayer)
- **Period Tracker** : *Developed an app to track periods and related*

## PROJECTS

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### Task Management System (TaskHub) [↗](#)

**Technologies:** MERN, JWT, Firebase, Redux Toolkit for State Management, Tailwind CSS Freelancer

- **Engineered a Cloud-Based Task Management System**, a **MERN stack** web application that streamlines task management within teams. The platform provides a user-friendly interface for task assignment, tracking, and collaboration, enhancing productivity and workflow efficiency.

### Service-based Website (Kanpur AC Wala) [↗](#)

**Technologies:** HTML, CSS, JavaScript, PHP (Laravel), MySQL, JWT Freelancer

- **Directed the development of a comprehensive multi-service platform** offering AC installation, TV mounting, plumbing, and electrical repairs, overseeing the entire project lifecycle from design to deployment, ensuring smooth integration of service categories, booking features, and scalable backend infrastructure.

### Service-based Website (Lucknow AC Wala) [↗](#)

**Technologies:** HTML, CSS, JavaScript, PHP (Laravel), MySQL, JWT Freelancer

- **Spearheaded the development of a multi-service platform** offering AC installation, TV mounting, plumbing, and electrical repairs, managing the project lifecycle from design to deployment, ensuring the seamless integration of service categories, booking features, and scalable infrastructure.

### Service-based Website (Lucknow Tiffin Station) [↗](#)...

**Technologies:** WordPress Freelancer

- **Lucknow Tiffin Station** offers a unique homemade tiffin service that delivers fresh, hygienic, and delicious meals to your doorstep in Lucknow.