

Siddharth Singh Ujjain

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EDUCATION

- **Pimpri Chinchwad College Of Engineering** Pune, Maharashtra
Bachelor of Engineering(Electronics and Telecommunication Engineering) Aug. 2019 - Jul. 2023
- **D.A.V. Public School, BSEB Colony** Patna, Bihar
Higher Secondary(Mathematics and Science) Jul. 2016 - May 2018

TECHNOLOGIES AND PROGRAMMING SKILLS

- **Languages:** JAVA, Dart, PHP, SQL, JavaScript
- **Currently worked/Working on:** JavaScript, Flutter, TypeScript, Mobile development and Testing, Redsys API, Payment gateway integration, qr/bar-code integration, Web Development, REST APIs, Product Management, Postman, XAMPP, Angular, node.js, Ethereum Blockchain, Smart Contracts, Solidity
- **Other Skills:** Databases, PhpMyAdmin, Android Studio, Firebase, GIT, Postman API, Figma, Putty, Jira, Trello, Google Developer's Console

EXPERIENCE

- **Risva Rachna** Full-Time
Application Developer / Product Manager June 2023 - present
 - **Description:**
 - * Build robust APIs, design API endpoints, handle data storage and retrieval, and ensure data security and validation
 - * Manage the database layer for the application, design schema, optimization and ensuring data consistency
 - * Authentication and authorization through firebase and in back-end
 - * Handle complex business logic, data processing and calculations on the server side to improve app performance and security
 - * Ensure functionality and service flow in the application including file processing, stream upload, image processing using phpSpreadsheet/phpOffice plugin
 - * Build and launch new apps using back-end code
 - * API implementation on the front-end in Flutter for hybrid application development
 - * Implement authentication and authorisation for app, firebase hosting, functionalities, real time features like chat, notification etc, building e-commerce functionalities like orders management, profile management, OAuth2 authentication, payment gateway integration, dynamic links, QR code functionalities and many more in the front-end application
- **Risva Rachna** Internship
Application Development Intern and Product Manager Oct. 2021 - March, 2022
 - **Description:**
 - * Communicated on a regular basis with the Product Owner and collected product specifications
 - * Assigned tasks to the Development team, and ensured feature delivery
 - * Developed features on Flutter by consuming the REST APIs
 - * Front-end development of the CityGuideSpain hybrid Mobile Application
 - * Learnt new programming languages tools - NodeJS, Angular, Redsys API to adapt with changing product architecture
 - * Front-end deployment and maintenance of CityguideSpain website
 - * Back-end deployment and maintenance of CityguideSpain on server
 - * Developed important features for mobile application like map implementation, payment system, mailing services app screens, authentication etc.
 - * Developed REST APIs in NodeJS
 - * Front-end development of CGS client side app using Angular
 - * Provided support and maintenance for the mobile app

PROJECTS

- **IOT based ESP Smart Plug for Home Automation**
 - *Wireless Switch controlled using mobile app* *Oct. 2021 - Mar. 2022*
 - **Technologies Used:** ESP8266 wifi module, Arduino, Proteus
 - **Description:** Connect wireless with the smart plug through captive portal to control switching operations of home appliances using an interfaced app on your phone.
- **LPG Gas Trolley for Home Automation**
 - *LPG trolley with gas leakage detection alerts and weight monitoring* *Jul. 2022 - Dec. 2022*
 - **Technologies Used:** Raspberry-Pi, Arduino, Proteus, Python
 - **Description:** IOT based LPG trolley equipped with gas leakage detection, regular alerts, weight monitoring and mechanical support.

ACCOMPLISHMENTS

- **Amongst the top 5 percentile to secure an All-India quota seat in college:**
- **Played the Under-15 Cricket tournament and Sukhdev Narayan Cricket Tournament:**
- **Secured 3rd position in High-Jump, DAV Regional Sports, Bihar:**
- **Honored Man of the Match award at Anu Anand Inter-School Football Tournament:**
- **Represented my school at CBSE Clusters Football Tournament at Jharkhand:**
- **Won DAV Clusters, DAV Regional, and represented my school at DAV Nationals in Punjab:**

AREAS OF INTEREST

- **Interests:** Strategy making, Web Development, Mobile Development, Problem Solving, Data Structures and Algorithms
- **Casual Interests:** Football, Cricket, Music, Mountaineering, Riding