

Siddharth Singh Ujjain

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Education

Pimpri Chinchwad College Of Engineering

May 2023

Bachelor of Engineering in Electronics and Telecommunication

Pune, Maharashtra

- **Relevant Coursework:** Data Structures and Algorithms (Java), JavaScript, Deep Learning, Cloud Computing, Advanced Java, Database Management, Data Analytics

Experience

Risva Rachna

July 2023 – January 2024

Application Developer/Product Manager

Bengaluru, Karnataka

- Engineered a cutting-edge mobile e-commerce CMS using Flutter and PHP, with admin controls, analytics and content management; **boosted conversion rates by 40% and increased user engagement by 50%**
- Structured responsive UI with elegantly crafted animations, structured and implemented robust RestAPIs, and optimized database performance for seamless functionality, **leading to a 30% improvement in user satisfaction scores.**
- Architected a cutting-edge mobile app infrastructure, leveraging Firebase services ; **resulting in a 40% increase in user retention and a 25% boost in in-app engagement metrics.**
- Managed full stack development tasks along with product management independently, **achieving over 60% growth by revitalizing a defunct app with occasional team support.**

Risva Rachna

September 2021 – March 2022

Software Engineer Intern

Bangalore, Karnataka

- Consistently communicated with the Product Owner, **achieving a 95% accuracy in gathering specifications**, and efficiently coordinated task assignments for the Development team.
- Expanded skill set by learning node.js, Angular, and payment API to adapt to evolving product architecture. Additionally, handled deployment, maintenance, and provided support.
- Contributed to the adoption of agile methodologies, utilizing Jira and Slack, **improving team productivity by 30% through iterative development cycles.**

Projects

MERN stack URL-Shortener | React.js, MongoDB, Express, Node.js, JWT, Bootstrap

- Crafted a MERN stack URL-shortener web app with login/sign-up screens, home screen and dashboard with analytics
- Configured and deployed scalable RESTful APIs using node.js, achieving a **30% improvement** in data retrieval speed.
- Achieved a **30% increase** in user engagement by successfully implementing URL redirecting with shortening and **30% enhancement** in user experience through Dashboard integration and analytics to track and modify URLs.

Smart LPG Trolley (IOT) | Python, Raspberry-pi, Arduino, Proteus

- Fabricated an LPG trolley with gas leakage detection alerts and weight monitoring feature
- Built a platform for easy mobility, gas cut-off through stepper motor after leakage detection and real time GSM alerts for weight monitoring **reducing household stress in kitchens by 40%**

Smart Plug (IOT) | ESP8266 Wi-fi module, Arduino, Arduino IDE, Proteus, Flutter SDK, Firebase, Dart

- Engineered a wireless switch to control switching operations of any device by connecting to a captive portal originated by the plug with a **40% increase in operational efficiency**
- Developed an application for it using Flutter to create an interface for users to handle connectivity thereby **boosting user engagement by 30%**

Technical Skills

Languages: Java, Dart, PHP, SQL, JavaScript, TypeScript

Technologies: Flutter, React.js, Node.js, Angular, Firebase, Express.js, MongoDB, Laravel, Git, Android SDK, iOS SDK, Solidity, Ethereum Blockchain, Figma, Jira, Trello

Concepts: Compiler, OOP, Operating System, Encryption, Decryption, Neural Networks, Deep Learning, API, Database Normalization, Agile Methodology, Cloud Computing