

# Krishna Viramgama

Software Engineer

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## SUMMARY

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Results-oriented Software Engineer with hands-on experience building scalable full-stack applications in agile environments. Proficient in React, Node.js, PostgreSQL, and RESTful API development. Proven ability to design user-friendly interfaces, integrate diverse systems, and collaborate effectively within cross-functional teams. Strong problem-solving skills and a passion for leveraging technology to create innovative solutions that improve user experiences and drive business value.

## WORK EXPERIENCE

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### AUTHENTICAL

Sydney, Australia

*Associate Software Engineer*

Aug 2023 - Present

- **Credential Issuance Platform (React, Vite, TypeScript):**
  - Spearheaded the development of a scalable credential issuance platform within an agile framework, reducing issuance processing time by 30%.
  - Implemented features for single and bulk issuance, improving platform scalability by 40% and ensuring compliance with security policies.
  - Led UI design and backend integration, ensuring seamless user experience and reliable data exchange.
- **Painting Authenticity Mobile App (Flutter, NFC, Blockchain):**
  - Developed a Flutter-based mobile app utilizing NFC and blockchain technology to verify painting authenticity, curbing fraudulent transactions by 25%.
  - Integrated with a secure backend system to protect sensitive artwork information and ensure data integrity.
- **REST API Development (Node.js, Express.js):**
  - Engineered high-performance REST APIs to support the painting authenticity app, ensuring seamless data exchange and a 99.9% uptime.
  - Implemented robust error handling and logging mechanisms to enhance the app's stability and maintainability.

## EDUCATION

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Vishwakarma Government Engineering College

*BTech. in Computer Engineering*

Aug 2021 - Jun 2024

CGPA: 8.65

Government Polytechnic For Girls

*Diploma in Computer Engineering*

Aug 2018 - May 2021

CGPA: 9.85

Best High School

*HSC*

Feb 2005 - Mar 2018

Percentage: 85

## PARTICIPATION

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University Form Tracking [Winner]

Mar 2023

*HackVGEC (University Level)*

- Led the development of a user-friendly platform to streamline university form submissions, reducing processing time by 40% and improving efficiency.

- Implemented automated follow-ups and reminders, increasing form completion rates by 25%.

### **Push Notification for Aadhaar address Change [Finalist]**

**Aug 2022**

#### ***SIH Hackathon (National Level)***

- Developed a middleware solution integrating banks with the UIDAI system, enabling real-time data exchange and reducing manual data entry errors by 15%.
- Designed and implemented a push notification feature to alert linked banks of Aadhaar address changes, enhancing data accuracy and customer service.

## **PROJECTS**

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### **IOT Health Parameter Monitoring System**

**Nov 2020 – Jul 2021**

- Developed an IoT-based system to streamline the patient handover process, reducing average transport time by 15%.
- Facilitated real-time transmission of vital patient data, increasing the availability of pre-arrival medical records by 20%.
- Designed a user-friendly interface for seamless coordination between paramedics and hospital staff.

## **TECHNICAL SKILLS**

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- **Programming Languages:** JavaScript, Java, TypeScript
- **Web Development:** HTML, CSS, ReactJS, Bootstrap, Vite
- **Backend Development:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Blockchain Technologies:** Solidity, Web3.js, Truffle
- **Cloud Technologies:** AWS S3, AWS Authentication, OAuth 2.0
- **Version Control:** Git
- **Additional:** Flutter, NFC

## **SOFT SKILLS**

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- Leadership
- Problem-Solving
- Time Management
- Communication

## **LIVE PROJECTS**

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- [Authenticall](#)
- [VishnuProteins](#)