KRISHNA VIRAMGAMA
SOFTWARE ENGINEER

github.com/krishna2730   ✉ krishnaviramgama2002@gmail.com   in linkedin.com/in/krishna-viramgama/

An enterprising professional with **over 11 months** of experience in **Full Stack, Back-end,** and **Front-end Development;** targeting to express potential via **challenging entry-level assignments** with an organization of repute | **Location Preference:** Pune/ Ahmedabad/ Delhi/ Remote

Core Competencies

- Full Stack Software Development
- Code Reliability & Quality Analysis
- Project Execution
- Programming & Coding
- User Experience Design
- Performance Optimization
- Cross-functional Collaboration
- Technical Documentation

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, HTML, CSS, Solidity, Dart

Frameworks: React, Flutter, Express

Database: MongoDB, MySQL, PostgreSQL

Tools: Vite, NodeJS, npm, webpack, babel

Blockchain Technologies: Ethereum, Web3. Js, Truffle

Cloud Services: AWS S3, AWS Cognito, OAuth 2.0

Libraries: Chakra UI

Version Control: Git, GitHub

Hardware: NFC

Education

2021 – 2024
B.Tech. (Computer Engineering)
Vishwakarma Government Engineering College with 8.82 CGPA

2018 – 2021
Diploma in Computer Engg.
Government Polytechnic for Girls with 9.85 CGPA

Profile Summary

- Showcased excellence in **software engineering**, with resourcefulness in building **scalable full-stack, back-end,** and **front-end applications.**

- Skilled in executing the **Software Development Lifecycle (SDLC)** right from requirement analysis, documentation, coding, and testing to maintenance of proposed applications.

- Competencies in crafting **responsive** and **user-friendly front-end interfaces**; proficient in **back-end development** using various technologies to create scalable solutions as well as implementation of **design** and **server-side optimization.**

- Proficient in **React, Node.js, PostgreSQL,** and **RESTful API development**, with a proven track record of designing **user-friendly interfaces** and **integrating diverse systems**.

- Rich understanding of in **blockchain technologies, NFC, cloud services**, and a variety of **programming languages** and **frameworks** to develop innovative solutions that drive business growth and enhance user experiences.

- Demonstrate strong **problem-solving skills** and a **passion for leveraging technology** to **create innovative solutions** that enhance **user experiences** and **drive business value**.

- **Effective communicator** with excellent **interpersonal skills**; strong **analytical** and **organizational capabilities** with a **detail-oriented approach.**

Work Experience

Authentical, Sydney, Australia (Remote) | August 2023 Onwards | **Associate Software Engineer**

- Developing software solutions by conducting requirement-gathering sessions, studying information needs, systems analysis, finalization of technical & functional specifications.
- Assisting in determining operational feasibility through problem definition, requirement analysis and proposing solutions.
- Documenting software solutions through flowcharts, layouts, diagrams, charts, code comments, and clear codes.
- Formulating solutions for given technical specifications; installing application software and deploying customizations.

Projects Undertaken:

Credential Issuance Platform (React, Vite, TypeScript):
- **Reduced credential issuance processing time by 30%** by spearheading the development of a scalable platform within an agile framework.
- **Improved platform scalability by 40%** and ensured compliance with security policies through the implementation of single and bulk issuance features.
- Ensured a **seamless user experience** and **reliable data exchange** by leading UI design and backend integration.

Painting Authenticity Mobile App (Flutter, NFC, Blockchain):
- **Curbed fraudulent transactions by 25%** through the development of a Flutter-based mobile app utilizing NFC and blockchain technology to verify painting authenticity.
- Protected **sensitive artwork information** and ensured **data integrity** by integrating with a secure backend system.

REST API Development (Node.js, Express.js):
- Ensured **seamless data exchange** and a **99.9% uptime** by engineering high-performance REST APIs to support the painting authenticity app.
- **Enhanced the app's stability** and **maintainability** by implementing robust error handling and logging mechanisms.

Academic Participations

University Form Tracking [Winner]
March 2023
HackVGEC (University Level)
- Achieved a 40% reduction in processing time and improved efficiency by leading the development of a user-friendly platform to streamline university form submissions.
- Enhanced form completion rates by 25% via implementation of automated follow-ups and reminders.

Push Notification for Aadhaar Address Change [Finalist]
August 2022
SIH Hackathon (National Level)
- Reduced manual data entry errors by 15% through the development of a middleware solution that integrated banks with the UIDAI system, enabling real-time data exchange.
- Enhanced data accuracy and customer service by designing and implementing a push notification feature to alert linked banks of Aadhaar address changes.

Live Projects

Authentical | https://authentical.co/team/#

VishnuProteins | https://www.vishnuproteins.com/

Academic Projects

IOT Health Parameter Monitoring System | November 2020 – July 2021
- Reduced average transport time by 15% through the development of an IoT-based system to streamline the patient handover process.
- Increased the availability of pre-arrival medical records by 20% with real-time transmission of vital patient data.
- Designed a user-friendly interface to facilitate seamless coordination between paramedics and hospital staff.

Personal Details

Date of Birth: 29th September 2002

Languages Known: Gujarati, Hindi and English

Address: Pune, Maharashtra