

# Kiran Babu Muddam

✉ kiraniitn@gmail.com | 🔗 https://kiranmuddam.com | 🌐 kiranmuddam | 🐦 0x\_kiran

## SUMMARY

Experienced Software Engineer with a strong background in architecting and developing large-scale software projects at fast-growing tech startups. Skilled in various programming languages and frameworks, with a passion for working on impactful problems and projects. Seeking opportunities to utilize my skills and knowledge at a dynamic and innovative company.

## EXPERIENCE

### GooseFX

Remote

*Software Engineer - Full Stack*

*Jan 2022 – Present*

- Working in the core engineering team at GooseFX, building large-scale software projects using Rust, React
- Architected and developed scalable NFT aggregator backend on Solana using Rust, Postgres
- Implemented a feature to record SSL, staking & TVL stats with backend API support using Rust.
- Developed and integrated custom JWT authorization for backend APIs using Rust and PostgreSQL
- Developed a smart contract to calculate and distribute swap rewards to accounts using Rust, Anchor, and Oracle.
- Built APIs to serve pool analytics, as well as integrating GooseFX into Defillama and Cointegrate
- Technologies: Rust, React, TypeScript, Anchor, Solana, Web3.js, PostgreSQL, APIs.

### Niyo Solutions Inc - FinTech

Bengaluru, India

*Trainee Software Engineer - Full Stack*

*Sep 2021 – Jan 2022*

- Worked in the tech engineering team, built scalable microservices to facilitate payments for 1.5+ million customers.
- Designed and developed Auto-Debit payments microservice based on event-based architecture handling end-to-end transactions, error streaming, and event streaming using Apache Kafka.
- Technologies: Microservices, Nest.js (Node.js backend framework), TypeScript, MongoDB, JavaScript, Kafka, Docker, AWS.

### Testsigma Inc - SaaS

Bengaluru, India

*Software Engineer - Full Stack*

*Nov 2020 – Aug 2021*

- Built mobile inspection licensing module to test Android & IOS apps in the browser across 2000+ real mobile devices.
- Developed an automated end-to-end two-factor authentication (2FA) testing module for Android, IOS, Web platforms.
- Rewrote the business product licensing formula in SQL and integrated it into the platform.
- Developed and Integrated Kobiton platform as a plugin to perform test automation on 300+ real mobile devices.
- Technologies: Java, Spring Boot, MySQL, JavaScript, TypeScript, Angular, and AWS.

## PROJECTS

### Personal Publishing Blog

- Built a blog with login, signup, SSL, member subscription, newsletter, dark mode, inbuilt SEO, and search features.
- Deployed it on Azure cloud platform and achieved Google Page Speed score of 80 for mobile and 90 for desktop.

### TIGMINT Open-source Intelligence Project

- Developed and open-sourced a GUI software project to analyze open-source intelligence (OSINT) to visualize analytics.
- Built and integrated different analysis modules like geo analysis, trend analysis, and sentiment analysis into the project.

### CYGNUS Cultural Festival

- Developed web applications for national-level technical and cultural fest of RGUKT University.
- Achieved 500000+ unique visits and 15000+ registrations during the festival for registrations and online competitions.

## TECHNICAL SKILLS

**Languages:** Rust, Postgres, Java, C++, Node.js, JavaScript, Python, SQL, MySQL, MongoDB

**Technologies:** React, Angular, Spring Boot, TypeScript

**Others:** Solana, Web3.js, Anchor, AWS, Linux, Git, REST APIs

## EDUCATION

### Rajiv Gandhi University of Knowledge Technologies, Nuzvid

*Bachelor of Technology in Computer Science and Engineering*

## VOLUNTEER EXPERIENCE

- **Beta Microsoft Student Ambassador:** Mentored 400+ students in the university, by organizing technical workshops, and events during the program.
- **President:** Founded United Security Elite Club and instructed over **200** students on Cybersecurity, and coding.
- **Open source Development:** Contributed to over **10** GitHub organizations, with over **1200** commits.

## AWARDS AND ACHIEVEMENTS

- **TopCoder:** Awarded **1st prize** out of 300 participants for Topcoder coding competition at Teckzite 2020.
- **InCTF 2018:** Awarded **1st prize** out of 2500+ participants in InCTF, Indian flagship ethical hacking competition.
- **Google India Challenge 2018:** Achieved Google India challenge **scholarship** for web specialist track.
- **RCTF 2019:** Awarded **1st prize** in RCTF ethical hacking competition by Reliance Industries at Nullcon Goa.