Kiran Babu Muddam

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EXPERIENCE

GooseFx - Full Suite DeFi & NFT platform
Remote

Web3 Software Engineer - Full Stack
Jan 2022 – Present

- Working as Web3 Full Stack Engineer in the core engineering team at GooseFX, building full suite Defi platform.
- Designed and developed a feature to record farm pool stats with backend API support using Rust.
- Developed and upgraded all platform APIs to support UUIDs to enhance project & API security using Rust, Postgres
- Developed a smart contract to calculate and distribute swap rewards to accounts using Rust, Anchor, and Oracle.
- Engineered and developed a backend feature to manage NFT listing drafts effectively with API support.
- Technologies: Rust, React, TypeScript, Anchor, Solana, Web3.js, Postgres, 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 Intern - 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.