SHAURYA SINGH

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WORK EXPERIENCE

Rapid Innovation, Noida, India

Senior Engineer

March 2023 - Present

• Collaborated with 9-person team to develop Xstrela Project marketplace for trading web3 game assets

• Implemented Google/Meta OAuth for social media sign-up/sign-in functionality

• Developed Admin Service for platform management

• Created Quest Service to boost user engagement through rewards system

• Built cron service to pull NFT collections from Reservoir API

• Implemented WebSocket/webhooks for real-time NFT activity tracking

Tech: Rust, Actix-web, Kafka, Postgres, Redis, Git

Soft Skills: Teamwork, Time Management, Communication

Associate Software Developer

August 2022 - March 2023

• Led backend/desktop development for RapidShot employee monitoring tool

Tech: Rust, Actix-web, Tauri, MongoDB, HTML/CSS, JavaScript

Rust Intern

April 2022 - August 2022

• Developed ToDo list and Linkshare projects

• Integrated smart contracts using ether-rs crate

• Deployed contracts via Remix on Ganache

• Built CLI for Uniswap token exchange

Tech: Rust, MongoDB, Ether-rs

EDUCATION

Shri Ramswaroop Memorial College of Engineering and Management

BTech in Electrical Engineering

April 2018 - May 2022

• Graduated with Distinction

Bal Vidya Mandir Senior Secondary School

High School

April 2018

• Passed with Distinction

PROJECTS

PHYND

Client: Swanston | *Period:* March 2023 - Present

Tools: Rust, Actix-web, Redis, Postgres, Kafka

• Subscription-free gaming platform for smart TVs (formerly Xstrela Project)

• Developed 7+ services from scratch

• Integrated third-party services (SimpleHash, Reservoir)

• Implemented TDD pattern for code maintenance

• Wrote integration test cases

• Helped secure $10M funding and Samsung partnership

Power Quality Improvement Using DVR

• Designed Dynamic Voltage Restorer to mitigate voltage sags/swells

• Developed inverter-based compensator for sensitive equipment protection

Tech: MatLab

SKILLS

Programming: Rust (Diesel ORM, Actix-web, TAURI, Kafka), C/C++, HTML/CSS, JavaScript

Tools: Git, Jira, Postman

Soft Skills: Time Management, Teamwork, Problem-solving

PUBLICATIONS

"Power Quality Improvement Using Dynamic Voltage Restorer (DVR)"

International Research Journal of Modernization in Engineering Technology and Science

04.8 (May 2022) - Co-authored with Er. Anil Agrahari et al.

LANGUAGES

• English (Professional proficiency)

• Hindi (Native proficiency)