



# Islati Sk

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## WORK EXPERIENCE

### Senior Software Engineer

**Nov 2022 — Mar 2023**

ClearCalcs

- Pioneered the Standards API, eliminating the need for physical reference books and revolutionizing civil engineering design.
- Architected scalable backend systems using Python and Ruby, ensuring flawless performance and 99.99% uptime.
- Crafted intuitive user interfaces with TypeScript and Next.js, improving customer satisfaction by 25%.
- Championed Docker for containerization and leveraged AWS services to build a robust and secure infrastructure.
- Comprehensive test suites using Cypress for end-to-end testing and continuous integration.
- Provided technical guidance and collaborated with cross-functional teams to surpass product milestones.

### Software Engineer

**Apr 2022 — Oct 2022**

JobNinja

- Modernized legacy software through upgrading to Python 3, improving performance by 50% for a leading German job board.
- Migrated the codebase for compatibility and scalability.
- Utilized Docker for containerization, Flask for backend solutions, and Vue.js to build engaging frontend interfaces.
- Deployed and managed applications on Heroku, ensuring seamless scalability and efficient deployment workflows.
- Developed and enhanced user interfaces using HTML5, providing an intuitive experience for over 1M monthly users.
- Maintained data integrity and optimized querying using PostgreSQL, reducing costs by 20% annually.
- Conducted automated testing using Playwright, creating comprehensive test suites to enable continuous delivery.
- Actively participated in code reviews, collaborated with cross-functional teams, and utilized New Relic to optimize software performance.

### Backend Engineer

**Nov 2021 — Feb 2022**

Rubes Soft

- Contributed to developing an NFT video game, engineering smart contracts and backends using Python, Vue.js, and Solidity.
- Collaborated with the development team to build the mobile video game's functionality.
- Pioneered smart contracts on the blockchain using Solidity, enabling new gameplay features.
- Developed interactive user interfaces using Vue.js, enhancing the user experience for over 100K players.
- Participated in backend system development for game mechanics, player interactions,

and data management.

- Maintained code quality, scalability, and performance optimization to support rapid growth

## **Software Engineer**

**June 2021 — October 2021**

Tehama

- Architected a Desktop as a Service (DaaS) infrastructure, enabling secure remote work solutions for over 50,000 users.
- Pioneered cybersecurity infrastructure for hybrid work environments.
- Leveraged Python, AWS, Docker, Bash, and React to build robust and scalable solutions.
- Developed backend systems and automation for secure desktop virtualization, ensuring compliance with ISO 27001.
- Employed AWS services to achieve 99.99% uptime and Docker for optimized containerization.
- Crafted user-friendly interfaces with React, simplifying the management of over 10,000 virtual desktops.
- Maintained data protection and compliance with industry standards including SOC 2 Type II, HIPAA, and GDPR.

## **Software Engineer**

**Oct 2020 — April 2021**

SimpTek

- Developed eco-friendly technology for smart-house solutions, aligning with SimpTek's mission of sustainable and energy-efficient products.
- Utilized Node.js, Express, React.js, Vue.js, Python, Java, Solidity, and AWS to build software applications and systems for smart-house technologies.
- Engineered robust and scalable backend systems using Node.js and Express, supporting over 100,000 IoT devices.
- Created dynamic user interfaces with React.js and Vue.js, providing an intuitive smart home experience for customers.
- Contributed to hardware-software integration, ensuring seamless communication between software applications and smart-house devices.
- Optimized energy consumption and improved efficiency within smart-house technologies by over 50% per year.
- Enhanced functionality and performance through Python, Java, Solidity, and AWS, including backend services, smart contract development, and serverless architectures.
- Collaborated with cross-functional teams to effectively integrate software and hardware components.
- Conducted code reviews, performed load and security testing, and participated in architectural discussions to deliver innovative solutions.

## **Software Engineer**

**2012 — Current**

Freelancer

- Consulted with various clients, delivering custom software solutions tailored to their needs.
- Administered and maintained software systems for optimal performance, security, and reliability.
- Leveraged Python, Node.js, Java, Vue.js, React.js, Solidity, AWS, Docker, MySQL, TypeScript, and more to build scalable applications.
- Collaborated closely with clients to understand their objectives and provide strategic guidance, resulting in long-term partnerships and over 95% customer satisfaction.

## **EDUCATION**

### **Computer Information Studies**

**2012 — 2014**

Holland College

Completed a two-year Computer Information Systems program with distinction, mastering skills in programming, software engineering, and systems analysis. Gained valuable real-world experience through an intensive mandatory internship, consulting for a local tech startup.

Pursued both in-person and online coursework, demonstrating a dedication to continuous learning and adapting to dynamic work environments.

## REFERENCES

*References available upon request.*