Satshree Shrestha

Full Stack Developer | I'm a full-stack developer proficient in Python (Django), JavaScript/TypeScript (React.js/Next.js), Java (Spring Boot), PostgreSQL, and NGINX. I have experience in web development with a demonstrated history in writing RESTful APIs and designing UI components.

SKILLS

Python · Java · JavaScript / TypeScript · Django · Django Rest Framework · Spring Boot · React.js/Next.js · Express.js · FastAPI · Flask · Node.js · Firebase / Firestore · PostgreSQL · MySQL · SQLite · Nginx · Tomcat · Bash · Zsh · Git · AWS · DigitalOcean · Heroku · Azure

EXPERIENCE

Citigroup
Software Developer

Irving, TX, USA · Jan '23 - Present
- Developed a loan management platform with Spring Boot and React.js, optimizing performance with 40% faster processing and 30% quicker load times.
- Ensured platform accessibility (WCAG compliance) and secured authentication with OAuth 2.0 and JWT.

Google Cloud
Software Engineer

Chicago, IL, USA · Jun '22 - Nov '22
- Boosted data processing efficiency by 30% through Django on Google Cloud.
- Increased real-time data processing speed by 17% through optimization with Kafka.
- Executed streamlined data management procedures, reducing processing time by 20 hours per week and ensuring adherence to strict privacy protocols.

Deerwalk Institute of Technology
Backend Developer

Kathmandu, Nepal (Lexington, MA) · Aug '17 - Mar '21
- Improved user engagement by 33% by creating scalable enterprise web applications using Django, Spring Boot, and React.
- Increased system reliability by 24% through the deployment of optimized database interactions with JPA and Oracle DB on AWS, leading to a 13% decrease in downtime incidents.

EDUCATION

Lewis University

Master's Degree
Computer Science · Grade: 3.9 · Graduation: Dec '23

London Metropolitan University

Bachelor's Degree
Computer Networks and IT Security · Graduation: Sep '19

CONTACT

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LINKS

Portfolio · satshree.com.np

PERSONAL PROJECTS

Nanny Clock
nanny-clock.vercel.app

Web Application · Nanny Clock is a very simple app that is targeted toward new (or old) parents who hire nannies to take care of their children. This app will generate the invoice for the nanny from all the logs of their working hours. It requires very little to no configuration and it is designed to suit the busy schedule of the parents.

Make It Secret
make-it-secret.netlify.app

Web Application · Make It Secret encrypts any file with a strong AES (American Encryption Standard) Encryption Algorithm. As a web app, Make It Secret is accessible through any platform. A simple solution for file encryption.