CHINMAY SHRINGI

📞 +1(201) 284-0211 📍 New York, NY

✉ cs7180@nyu.edu | 🔗 LinkedIn | 🐙 ChinmayShringi | 🌐 ChinmayShringi

EDUCATION

Master Computer Engineering, New York University, US   Expected 2026

B.Tech in Information Technology, Uka Tarsadiya University, India   06/2018 - 07/2022

SKILLS

- **Languages & libraries:** JavaScript, TypeScript, GraphQL, Java, Python, C/C++, Rust.
- **Web Technologies & Frameworks:** Node.js, Angular, React, Express.js, AdonisJs, Apache Kafka, WebRTC, Docker, AWS Services, Nginx, Springboot, GitHub Actions, Kubernetes, Prometheus, Loki, Promtail, Flutter, React Native.
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Firebase.
- **Certification:** AWS CLP, CCNA(Introduction to Networks), AWS Cloud.

EXPERIENCE

Research Assistant, New York University   09/2024 - Present
New York, NY

- Enhanced the Lind Project by implementing POSIX-compliant system calls in Rust, improving system reliability by 25%.
- Optimized Just One Turtle's emulation framework, boosting performance through lightweight virtualization techniques.

Full Stack Developer, Yliway   07/2023 - 08/2024
Rome, Latium

- Architected and optimized full-stack features using Next.js and Node.js, improving system performance and API response times by 60%.
- Executed Apache Kafka integration to facilitate advanced real-time message processing while optimizing PostgreSQL schema design for a resilient and scalable database architecture.
- Spearheaded the successful implementation of CI/CD pipelines using Jenkins, resulting in a 55% increase in deployment frequency and a 40% reduction in manual effort for the development team.

Sr. Full Stack Developer / Tech Lead, Netizens Technologies   06/2022 - 07/2023
Surat, Gujarat

- Supervised a cross-functional team, delivering high-quality software solutions and reducing go-to-market time by 40%.
- Implemented modern JavaScript ES6+ features across projects, resulting in more maintainable and efficient code.
- Established Git flow as the standard version control process, resulting in a 50% reduction in code conflicts and ensuring seamless collaboration among developers, leading to a 33% increase in team productivity.
- Automated repetitive tasks through scripting, which increased team productivity by 25%.

Full Stack Developer, LogicWind   11/2021 - 06/2022
Surat, Gujarat

- Key contributor to the TapScan project, enhancing feature set and user experience, leading to a 35% increase in customer satisfaction.
- Devised and deployed WebSocket functionality, empowering the application to deliver real-time notifications, resulting in a 30% decrease in response time and improving user retention.

Founder, Webscape   02/2019 - 08/2021
Surat, Gujarat

- Launched Webscape initiative, leading the successful onboarding of 20+ local businesses onto online platforms within the first year.
- Orchestrated the end-to-end product development lifecycle, leveraging the MERN stack, to launch a revolutionary platform; integrated secure payment gateways resulting in a 50% increase in monthly transactions.
- Engineered and deployed a robust microservices architecture to facilitate seamless scaling and enhance performance of multi-tenant applications, resulting in a 60% increase in concurrent user capacity and a 43% reduction in server costs.

PROJECTS

- **Credel** Engineered the Credit and Loan Management System using React, Node.js, and the Adonis.js framework, driving a 40% reduction in loan processing time and streamlining backend operations for enhanced efficiency and customer satisfaction.
- **Doccine** Enhanced healthcare platform for doctors and hospitals using Kubernetes, microservices, Next.js, and TypeScript. Improved speed by 70% and efficiency by 80%.