Shruti Saagar
Senior Software Engineer

Experienced engineer with 6+ years in backend and full-stack development across gaming, fintech, and e-commerce. Skilled in designing robust systems, adept at problem-solving, and quick to master new technologies. My **Leetcode** stats - **500+** problems & **1840+** rating. **LinkedIn Github**

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WORK EXPERIENCE

Senior Software Engineer
Zynga

11/2021 - Present   *Bangalore, India*

- Leading the backend team & development for the $70M/year game CSR2
- Achieved a 60% reduction in AWS server costs, saving $320K annually through optimization.
- Successfully resolved high-impact production & infra issues, earning recognition and additional stock grants.
- Independently acquired expertise in AWS infrastructure management and maintenance.
- Leading and mentoring the backend team & also other junior engineers. Oversaw core infra & tech comprising Ruby, PHP, C#, Java, AWS services, Docker, CI/CD etc.

Founder
Algorithmic Trading Startup

09/2020 - 10/2021   *Chennai, India*
Own company that analyses data and builds trading strategies and executes them

- Developed a Python-based automated algorithmic trading system and backtesting framework with MySQL db and mined market data.
- Analyzed financial market data using creative algorithms to create reliable & consistent trading strategies for automation considering practicalities like slippage, entry, exit, fallback strategies etc.
- Dedicated time to enhancing problem-solving skills & depth of perception.

Software Development Engineer
Samsung Electronics - Ecommerce division

09/2018 - 08/2020   *Chennai, India*

- Launched Samsung's ecommerce platform in France as the primary developer.
- Received recognition for contributions during launch and resolution of critical production issues.
- Worked on various microservices like orders, shopping cart, etc and tech like NodeJS, GoLang, RMQ, data pipelines, and ELK stack.
- Developed underlying frameworks for microservices, config management, logging mechanisms etc.
- Acknowledged with the "Driving For Results" award.

Software Engineering Specialist
GE Digital (Internship 6M + Full-time)
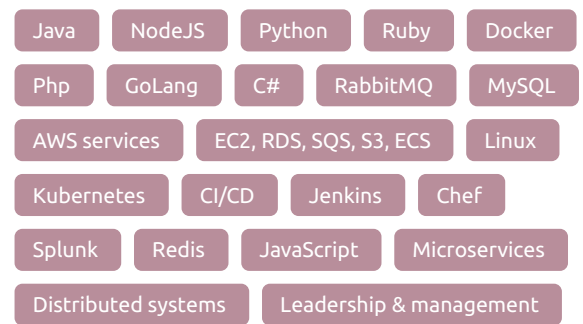
01/2017 - 08/2018   *Bangalore, India*

- Contributed to the "Conflict of Interest" web app using Java, Hibernate, and OracleDB.
- Built dashboard for report generation & oversight for leadership, automated tasks for teams using VB Script, Angular, C# etc. & received recognition

VOLUNTEERING EXPERIENCE
Conscious Planet & Isha Foundation / Anaadi

- Volunteered for Conscious planet's "Save Soil" campaign in Bangalore & Coimbatore & rural school science fair for children with Anaadi Foundation
- Donated financially to various programs undertaken by Isha & Anaadi foundations (both being socio-spiritual organizations)

TECHNOLOGIES & SKILLS

Java   NodeJS   Python   Ruby   Docker
Php   GoLang   C#   RabbitMQ   MySQL
AWS services   EC2, RDS, SQS, S3, ECS   Linux
Kubernetes   CI/CD   Jenkins   Chef
Splunk   Redis   JavaScript   Microservices
Distributed systems   Leadership & management

EDUCATION

B.Tech. Computer Science - GPA 8.63/10
Amrita Vishwa Vidyapeetham

07/2013 - 06/2017
Coimbatore, Tamil Nadu, India

Higher Secondary 92.17%
G.D Matric Hr Sec School

06/2011 - 05/2013
Coimbatore, Tamil Nadu, India

ACHIEVEMENTS

Consistently earned A grades in courses such as Java, Data Structures, SICP etc. and maintained B+ in Algorithms, OS, Computer Arch etc.

Successfully advanced to the ACM ICPC regional onsite rounds in both Amritapuri & Chennai.

Amrita University Scholarship totalling Rs.2,00,000

Published real time data visualization Android app & built Bitcoin mining rig during Undergrad

Secured city first in National Science Olympiad & school first in National Maths & Science Olympiad in 9th & 10th Standard

Excelled in Football, and athletics securing 12 gold medals and 1 silver medal at school

INTERESTS

Data Structures & Algos   Machine Learning & AI
FinTech & algo trading   Gaming tech
Microservices & distributed systems   AWS Cloud