SAMARTH JAIN

✉ hey@samarthjain.me 🌐 http://samarthjain.me 📞 (217) 419-7405 in jsamarth

EXPERIENCE

DEEPSCRIBE   Jan. 2024 - Current
ML Infra Engineer, New York City
- Streamlined AI deployment on AWS EC2 and Lambda
- Enforced high standards for deployment, testing, and load testing
- Built an ETL tool for LLM monitoring, saving thousands of dollars daily

                                                                 Dec. 2022 - Jan. 2024
Full-Stack Software Engineer, New York City
- Engineered and maintained core SaaS software, internal tools, back-end and analytics infrastructure
- Contributed to critical front-end (NodeJS/ReactJS) and back-end code (AWS Lambda, Python, Terraform, MongoDB, S3, API Gateway)
- Owned the design and development of a pivotal internal tool that monitored scribing quality and AI performance
- Designed and executed a data analytics project, employing the EtLT paradigm with Kinesis, Firehose, Glue and Redshift
- Delivered projects promptly and cross-functionally in the startup environment, always emphasizing quality and scalability

ORACLE   Mar. 2021 - Dec. 2022
Software Engineer IC2, New York City
- Enhanced the development of ADVM, Oracle's Dynamic Volume Management kernel driver using low-level, C and Linux kernel programming skills
- Worked with multiple, interdependent kernel drivers that span 10 million lines of code
- Fixed customer bugs of two Fortune 100 companies
- Promoted to the Individual Contributor 2 position after making an impact in the first year itself
- Resolved bugs related to memory leaks by using tools such as Crash
- Protected metadata on a Linux, Solaris and AIX kernel driver called ASM Cluster File System (ACFS) from corruption by unintentional I/O writes
- Took ownership of a project which improved the productivity of 100+ engineers at Oracle and created its CI/CD Gitlab pipeline

EDUCATION

University of Illinois at Urbana-Champaign (UIUC)   Aug. 2016 - Dec. 2020
Bachelor of Science, Computer Engineering
Relevant Coursework: Distributed Systems, Computer Security, Algorithms, x86 Architecture, Data Structures

École Polytechnique Fédérale de Lausanne (EPFL), Switzerland (Exchange) Feb. 2019 - June 2019
Relevant Coursework: Database Systems, Computer Vision, Artificial Neural Networks, Virtual Reality

CERTIFICATIONS

AWS Certified Cloud Practitioner
Awarded by Amazon Web Services
Skills: Knowledge of Cloud Concepts, AWS services and best-practices, AWS Security

SKILLS & INTERESTS

Skills
- Technically sound background in Software Development and computer architecture and security
- Affinity for clear, transparent, and concise communication across multiple teams in the org
- Unix/Linux
- Low-level C/C++ programming
- Scripting languages such as Python / Perl
- AWS

Interests
- Music: love listening to and playing Rock, Funk, Neo-Soul Guitar.
- Learning new languages: natively proficient in English and Hindi and B1 fluent in French and German
- Traveling: exchange semester in Switzerland, internship in Berlin, Germany