SAMARTH JAIN

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EXPERIENCE

DEEPSCRIBE, New York, New York   Dec. 2022 - Current
Senior Full-Stack Software Engineer
- 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, 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, New York, New York   Mar. 2021 - Dec. 2022
Software Engineer IC2
- 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
- Resolve bugs related to memory leaks by using tools such as Crash
- Protect 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

AMAZON, Berlin, Germany   Aug. 2019 - Dec. 2019
Software Development Intern
- Improved the ranking algorithm at Amazon Gifting, a curated catalog of products designed to inspire gift ideas, by using Java and Spring
- Delivered code in a microservices-based model that dealt with data of millions of products, using the big data library Apache Spark and ElasticSearch, to rank them in their correct categories in AWS S3

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