Siddharth Choudhary

[Portfolio](#)   **Phone: 5514828414**   **Email**: sidchoudhary.in@gmail.com   **Located at:-** Nashville, TN

Senior Software Engineer with almost 7+ years of experience building scalable cloud infrastructure and enterprise applications. Proven SME in Oracle Cloud Infrastructure with expertise in Python, Java, and DevOps tooling (AWS, Kubernetes, Jenkins). Strong track record of leading cross-team initiatives, mentoring peers, and delivering high-impact systems that improved resilience, performance, and customer adoption.

Experience

Senior Software Engineer, Oracle Cloud Infrastructure   Sep 2024 - Present
- Mentored 4 junior engineers across teams, leading to a 30% reduction in production issue resolution time and enhancing system stability.
- Built an OCI AI Agent prototype to scan historical Jira tickets and suggest workarounds or SMEs for faster issue resolution.
- Led three major FusionApps projects from design to deployment, boosting customer engagement by 20% through enhanced user features.

Software Developer II, Oracle Cloud Infrastructure   Jan 2022 - Sep 2024
- Delivered high-impact code deployments across key components including Break Glass access, Key Management Service, and Disaster Recovery systems.
- Influenced key infrastructure decisions for the BGKM and BYOK projects, improving the Fusion Applications Control Plane's performance.

Software Engineer, Nextiles   Jan 2021 - Jan 2022
- Established the company's foundational AWS software pipeline, architecting CI/CD workflows and cloud infrastructure (S3, DynamoDB, CodePipeline) that continue to power core operations.
- Architected and delivered a client-facing SDK from the ground up (Kotlin), leading consultations that drove a 30% revenue increase.
- Led a cross-functional team of engineers and data scientists to design and deploy the company's software infrastructure, improving operational efficiency by 60%.

Software Development Engineer, Amazon Web Services   Jul 2020 - Dec 2020
- Constructed infrastructure for the product's API layers, control flow layers, and end-to-end integration tests using AWS native.
- Led the design and onboarding of a new internal service onto AWS, enabling additional customer-facing features.
- Demonstrated proficiency in Python and Ruby to carry out various tasks related to continuous integration and deployment (CI/CD).

Associate Application Developer, ADP   Feb 2020 - Jul 2020
- Developed integral modules and implemented automated testing using Express.js/GraphQL backend and React front-end.
- Built several UI modules that utilize MongoDB databases and contributed to a microservices-based architecture.

Full Stack Developer, Samy Web Technologies *(India)*   Jan 2017 - Jun 2018
- Optimized search functionality by implementing an optimized indexing search, reducing search time.

Full Stack Developer, Ready Bytes Pvt Ltd *(India)*   Jan 2017 - Dec 2017
- Maintained CMS software solutions for an e-service platform and introduced cloud services that boosted user interactions by 30%.

Education

Stevens Institute of Technology, Hoboken, NJ   Aug 2018 - May 2020
Master of Science in Computer Science (GPA- 3.8/4.0)
Key Courseworks: NLP, Advanced Programming in the Unix Env., Distributed Systems, Advanced Algorithms.

Rajasthan Technical University, INDIA   Aug 2013 - May 2017
Bachelor of Engineering in Information Technology
Coursework: Networking, Principles of Programming Language, Data Structures & Algorithms, Computer Networks

Technical Skills (Computer Science)

- Data & ML Tools: OCI AI Agents, MCP Frameworks, Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Data Cleaning & Wrangling
- Languages: Python, Java, JavaScript (ES6+), TypeScript, Kotlin
- Devops related tools: OCI, AWS, CI/CD, Maven, Git, Docker, Kubernetes, GCP, Firebase
- Frameworks & Libraries: Terraform, React, Express.js, React Native, GraphQL, Redis, MongoDB, Pytest, Jest, Mocha