

Aatish Dineshbhai Chaudhari

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EDUCATION

Masters of Science in Computer Science & Engineering Arizona State University, Tempe, USA Coursework: Cloud Computing, Distributed Database Systems, Computer Vision, Data visualization	August 2022 - May 2024 4/4
Bachelor of Technology in Computer Science & Engineering Dharmsinh Desai University, Nadiad, India Coursework: Data Structure & Algorithms, Big Data Analysis, Software Engineering	July 2017 - May 2021 3.8/4

SKILLS

Languages: C#, Python, C++, JavaScript, SQL, JAVA, TypeScript, Matlab
Frameworks: LangChain, Langflow, PyTorch, Serverless Framework, Express, Node.js, .Net, Kafka, Angular, Django, Selenium, React Native, React, Flask, D3, Jasmine, TensorFlow, Keras, Scikit-learn, Hugging Face Transformers
Cloud: Azure, AWS, Google cloud(GCP)
Other: Docker, PostgreSQL, MySQL, MongoDB, Jenkins, CI/CD, Jira, Kubernetes, Agentic AI, Octopus, MCP

EXPERIENCE

Amazon, Software Development Engineer , Seattle WA, USA Tech Stack: AWS, Java, Python, Microservices, DynamoDB, Lambda, SparkSQL <ul style="list-style-type: none">Delivered regional migration projects achieving VP operational goals with 100% uptime and zero incidentsImprove incentive launch process, reducing developer effort by 60% and deployment time by weeksOptimized CI/CD pipelines, decreasing release cycles from multiple weeks to under three daysEnhanced user-facing features, lowering customer queries by 40% and improving satisfaction scores	December 2024 - Present
Advanced Sterilization Products, Software Engineer , Irvine CA, USA Tech Stack: Python, ML, AI <ul style="list-style-type: none">Developed Python based application for hardware and software validation for ASP Access TechnologyDeveloping a chatbot leveraging Azure OpenAI and Cognitive Search to deliver customized responses based on company-specific data	October 2023 - December 2024
EdPlus, Software Developer Assistant , Scottsdale AZ, USA Tech Stack: C#, Node.js, AWS, Serverless, Python, MJML, Vue.js <ul style="list-style-type: none">Developed automated processes on AWS Serverless Framework, facilitating email reminders, file processing, and API developmentLed the development of two virtual reality software applications using Dream Scape Learn SDK and UnityStreamlined project workflow in collaboration with the development team, ensuring timely delivery of software	August 2022 - October 2023
HHAeXchange, Software Engineer , Ahmedabad, India Tech Stack: C#, .Net core, kafka, Angular, SQL, PostgreSQL, AWS, CI/CD <ul style="list-style-type: none">Optimized kafka event processing pipeline, resulting in 30% faster processing and 15% lower server costsLed a team of 4 for deploying an application that processed over 10k files per day, leveraging .Net Core and C#Partitioned a SQL database into multiple databases using events-based publisher-subscriber architectureRevamped Angular cash payment module for 35% efficiency boost and better UXExpertly integrated advanced security features leveraging AWS Secrets Manager Services and AWS Cloud Watch Logging Service with Structured logging in .Net Core	December 2020 - July 2022

PROJECTS

Stance Detection Python, BERT <ul style="list-style-type: none">Led team in Climate Stance detection, analyzing tweets to identify causes of shiftsVisualized decision-making process by highlighting influential words to build user trust in tweet stance prediction and developed engaging website	April 2023
Edge Computing Java, Python, TensorFlow, Flask <ul style="list-style-type: none">Designed parallel computing solution, reducing server load by achieving 50% reduction in latencyOptimized nearby device utilization for enhanced image digit prediction with distributed machine learning model	September 2022
Object Detection using AWS AWS, Python, AWS S3, Flask <ul style="list-style-type: none">Implemented the web tier utilizing Flask, and application tier on EC2 infrastructure for object detectionConfigured the application tier to auto-scale on EC2 instance in response to changes in the size of the SQS queue	Jan 2023
Augmented Reality And Its Use Case C#, AR Core, Ar Tool Kit, Unity3D <ul style="list-style-type: none">Devised and deployed AR/VR experiences, resulting in a 30% increase in festival engagementDesigned face filters, live books, and games, leading to a 40% boost in festival attendanceDelivered an immersive treasure hunt game, resulting in a 50% increase in interactive experiences	June 2020