

SKILLS

- **Languages:** Typescript, Javascript, Node.js, Python, Java, C#, Next.js, React, Angular, HTML5, Bootstrap, Tailwind CSS, JSON, Docker, Kubernetes, Terraform
- **Databases:** MS SQL Server, MongoDB
- **Cloud:** Lambda, S3, SNS, EKS, CloudWatch, Step Functions
- **Tools:** VS Code, IntelliJ, Visual Studio, Postman, Crystal Reports, Git

EMPLOYMENT

Senior Software Engineer	ICF	Jul 2023 - Present
<ul style="list-style-type: none">• Performed 250K records testing and analyzed lambda's duration, throttling & concurrency. Identified longer duration invocations and suggested code changes to improve the performance• Monitored Step Functions' performance, leveraging CloudWatch metrics, log insights & execution duration using python• Migrated Azure functions to AWS Lambdas (NodeJS18) with Layers for shared functionality & secrets manager for API keys• Adding Jest unit test for each lambda functions with 90% code coverage• Worked on creating file upload functionality in Lambda using pre-signed URLs for S3 and CloudWatch for logging• Performing code reviews and providing thoughtful feedback on naming conventions and code reusability		
Software Engineer	MatrixCare	Aug 2018 – June 2023
<ul style="list-style-type: none">• Lead two interns for Authorization POC using Okta, React and Python Flask framework and deployed on AWS Lambda• Worked on POC to adopt micro-frontend architecture into monolithic Java/J2EE Spring MVC web app• Responsible for enhancing existing UI features using JavaScript. Used Gitlab for version control• Provided on-call support and demonstrating a prompt response to urgent issues• Utilized AWS Comprehend Medical to accurately detect and parse the frequency from a pharmacy provided instructions• Refactored legacy code incrementally and added Junit test during feature enhancement• Developed features by creating components using Angular, classes and interface using Typescript & integrated RESTful APIs to extract data from SQL Server using stored procedures• Participated in peer code reviews and incorporated feedback for continuous improvement• Experience writing stored procedures in T-SQL on Microsoft SQL Server and optimized sub tree cost using execution plans• Collaborated with the QA team to identify and fix bugs and optimize the overall performance of the application• Built responsive, interactive applications using Angular Bootstrap and data tables• Actively participated in Agile development methodologies, including daily stand-ups and sprint planning• Implemented stored procedures in SQL for data input to reporting tools and developed reports using SAP Crystal Reports• Worked in team environments to consistently meet product design requirements within scheduled completion deadlines• Closely worked with senior engineers to optimize existing UI layouts and simplified the workflow for end users• Provided technical recommendations to the UX team to create a streamlined, user-friendly interface		
Developer Intern	MatrixCare	Jan 2018 – May 2018
<ul style="list-style-type: none">• Build new forms and features in existing Form Builder and store data in relational database using store procedures• Assisted team in transitioning Java Spring MVC web-app from JTDS to Microsoft JDBC driver to access Microsoft SQL Server• Create and execute unit tests and perform basic application testing. Used Gitlab for source code version control		
Developer Intern	MatrixCare	May 2017 – Aug 2017
<ul style="list-style-type: none">• Implemented a patient photo edit/upload feature using jQuery library in Java Spring EHR Web application• Implemented POC to integrate a chatbot in a web application using Bot Framework, LUIS.ai and Azure Bot service		
Full Stack Developer Intern	MatrixCare	Aug 2016 – Dec 2016
<ul style="list-style-type: none">• Designed a gamification concept for managers to set/view daily and weekly goals for their team using ASP.NET and C#• Build front-end prototypes using HTML5, Bootstrap 3, AngularJS for gamification project• Modeled an innovative Alexa Skill using Flask-ASK framework to chart data using RESTful APIs through the voice interface		
Software Engineer	iGATE (now Capgemini)	Nov 2013 – Jun 2015
<ul style="list-style-type: none">• Documented test cases and performed testing for quality assurance and used PL/SQL developer tools• Implemented and tested Oracle Applications R12 Financial modules like AP, AR, PO, INV, SLA• Involved in end-to-end requirement analysis, data conversion management, and testing		

EDUCATION

Rochester, NY

Rochester Institute of Technology

Aug 2015 – Aug 2018

- **Master of Science**, Computer Science. **GPA: 3.46**
- Coursework: Foundation of Algorithms, Advance Java Programming, Intelligent System, Computer Vision, Big Data Analytics

Mumbai, India

University of Mumbai

Aug 2009 – May 2013

- **Bachelor of Engineering**, Information Technology **GPA: 3.4**
- Coursework: Data structures and Algorithms, Object Oriented Analysis and Design, Computer Graphics, Operating Systems, Topics in Data Management

PROJECTS

- [Portfolio Website](#): Created a portfolio website using react and deployed it on **github** pages
- [Housing App](#): Created a Next.js app to add and list houses for sale with shared components, hooks and deployed on **Vercel**
- [Team Members](#): Created this project to learn React, functional components, routing, fetching data from API
- [The Social](#): Social Media app using MongoDB, React, Express and Node.js (MERN) stack to learn React
- Alexa in Mixed Reality (Capstone): Interact with Alexa's hologram developed using Unity3D and using IBM's Tone Analyzer analyzed headlines tones fed from News API

CERTIFICATIONS

- AWS Certified Developer - Associate | Amazon Web Services | **May 2023**

PATENTS

- [“Systems and Methods for providing prompts on an Electronic Device”](#): US-20230004865-A1
Published: 2023-01-05, Patent Pending