53 Tupelo Ln
Buffalo, NY 14228
github.com/ck4957
Work Authorization: Green Card

Chirag Kular

(585) 752-8487
kular_chirag@yahoo.com
linkedin.com/in/kularchirag/
Willing to Relocate: Yes

EMPLOYMENT

Senior Software Engineer	ICF	**Jul 2023 - Present**

- Migrating 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
- Working 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 – Jun 2023**

- Overseeing interns for Authorization POC using Okta, React and Python Flask framework and deploying it to 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
- Providing reliable and efficient on-call support with a record of responding to urgent issues in a timely manner
- Utilized AWS Comprehend Medical to accurately detect and parse the frequency from a pharmacy provided instructions
- Refactored legacy code incrementally and added Junit test while doing feature enhancement
- Developing 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 software
- Building responsive, interactive applications using Angular and Typescript with Bootstrap, Material design & 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 tool and developed reports using SAP Crystal Reports
- Working 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
- Collaborated with UX team and recommended technical solutions for a streamlined, user-friendly interface

Developer Intern	Matrixcare	**Jan 2018 – May 2018**

- 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**

- 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**

- 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**

- 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

Languages and Technologies

- **Cloud**: Lambda, S3, EKS, CloudWatch
- **Languages**: Typescript, Java, C#, Python, React, Angular, HTML5, Bootstrap, Tailwind CSS, JSON, Docker, MongoDB,
- **Tools:** VS Code, IntelliJ, Visual Studio, Postman, Crystal Reports, Git, MS SQL Server,

Projects:

- 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 analyze emotion of the

Certifications

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