53 Tupelo Ln
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github.com/ck4957
Work Authorization: H1B (Valid till Sept 2025)

CHIRAG NARENDRA KULAR

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EMPLOYMENT

Software Engineer	**Matrixcare**	**Sept 2020 - Present**

- Worked on Microservice using .Net Core, MongoDB, Quartz scheduler, Azure Queues & deployed on Azure Kubernetes
- Developing new functionality using Java and Angular 10 and update existing functionality in current product
- Reviewing code and providing thoughtful, constructive feedback during code reviews
- Experience writing stored procedures in T-SQL on Microsoft SQL Server and optimized sub tree cost using execution plans
- Enhanced the application's feature to effectively fix the bugs and optimize the overall performance of the software

Associate Software Engineer	**Matrixcare**	**Aug 2018 – Aug 2020**

- Building responsive, interactive applications for mobile, tablets, desktop browsers using HTML5, CSS3 and Bootstrap 4
- Practical understanding in Agile Development methodologies
- 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

Full Stack Developer Intern	**Matrixcare**	**May 2017 – Aug 2017**

- Designed a gamification concept for managers to set/view daily and weekly goals for their team using .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

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, Foundation of Intelligent System, Foundation of 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

- Typescript, Java, JavaScript, Angular, HTML5, Bootstrap, CSS3, JSON, RESTful API, Docker, MongoDB, Python, React
- **Tools:** IntelliJ, VS Code, Postman, Crystal Reports

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 news using IBM Watson's Tone Analyzer from News Skill developed using Alexa Skill Kit
- **Boston Airbnb Booking System**: Developed a search application that takes string to search entries in Boston Airbnb dataset, stored in MongoDB. Designed GUI using Bootstrap3, Angular UI and templating for dynamic views and server-side rendering using Express.js
- **API First Approach**: Implemented CRUD functionalities for library management in ASP.NET Web API with MVC structure. Created API Endpoints that allows user to make requests and response with JSON data using Swagger