RAHUL VICTOR SUNKARA

rahulvictorsunkara@gmail.com | 9182509107

PROFILE

Enthusiastic, dedicated, and detail-oriented Software Engineer with over 3 years of experience in developing, deploying, and testing fully functional websites and applications. Pursuing a Master's degree with a focus on advanced concepts in Machine Learning and AI. Strong problem-solving abilities and a solid understanding of scripting, coding principles, and software design. Skilled in building and fine-tuning machine learning models, conducting data preprocessing, and performing EDA for actionable insights.

SKILLS

Programming Languages : C#, Python,JavaScript, PL/SQL

Backend Development: microservices architecture using .NET Core, Web API, and LINQ.

Cloud, Database: Experience in Azure Solutions, CI/CD pipelines Expertise in SQL, MongoDb for database design, optimization, and maintenance.

Data Science & Machine Learning: pandas, NumPy, scikit-learn, TensorFlow, Keras, neural networks, feature engineering, clustering, data visualization.

Front-end Development: Angular, ReactJS, Node.js, CSS, jQuery, and NPM workflows.

Testing & Quality Assurance: NUNIT, MOQ, and XUNIT

EDUCATION

Master's In Information Science, Machine Learning
University of Arizona
Jan 2024 - Dec 2025
Completed Coursework: Machine Learning, Neural Networks, Data Visualization, Data Mining - 4.0 GPA

Bachelor in Technology In CSE
Lovely Professional University
Aug 2017 - May 2021 | Jalandhar,IN

CERTIFICATIONS

AZ-204 Azure Developer Associate

AZ-900 Azure Fundamentals

FSE Accreditation Cognizant

ACCOMPLISHMENTS

- Promoted to Junior Software Engineer within 2 months, earning the **Coral Award** for exceptional client service.
- Achieved Cognizant Accreditation.
- Received **client acknowledgment** for exceptional work and assistance.

LINKS

🌐 Portifolio

🌐 Linkedin : rahul-victor-sunkara

WORK EXPERIENCE

Software Engineer | Cognizant

10/2023 - Present | Hyderabad, IN

- Designed and implemented full-stack solutions using **RESTful APIs**, **Microservice Architecture,** and **Database Management**. Developed and maintained **RESTful API Microservices, Web Jobs, Logic Apps,** and **Functions**.
- Gained expertise in the **Azure tech stack,** including **Kubernetes, Containers, Cosmos DB,** and **Dynamics 365 CRM.** Improved **UI/UX** with **ReactJS, Redux,** and **Sagas** for enhanced user experiences.
- Conducted root cause analysis, resolved defects, and developed sprint stories for high-quality deliverables. Performed comprehensive testing, including **Performance, Unit, and Moq tests.**
- Collaborated with **DevOps** to deploy and maintain **pipelines**, **webjobs**, and releases for continuous delivery,
- **Ensured client satisfaction by designing and implementing a robust Fault Tolerance System for Web Jobs.**

Programmer Analyst | Cognizant

10/2021 - 09/2023 | Hyderabad, IN

- **Designed, developed, and maintained RESTful API microservices**, Web Jobs, **Azure Logic Apps, and Azure Functions** while conducting performance, unit, and Moq testing for reliability.
- Expertise in **database management**, including **CRUD** operations, **dynamic SQL query writing (T-SQL)**, resolving **SQL exceptions**, and maintaining robust relational database systems.
- Delivered L2 and L3 support for application issues, incident management, and **production releases**, ensuring system stability and seamless operations.

Full Stack Engineer Intern | Cognizant

06/2021 - 09/2021 | Hyderabad, IN

- Proven expertise in **full-stack development** with RESTful APIs, Microservice Design, UI/UX enhancement, and Database Management. Skilled in DevOps, CI/CD, and Azure technologies like Kubernetes and Cosmos DB. **Led teams to develop scalable applications (E-commerce Store, Car Rental System, and Twitter Replica) using .NET CORE, SQL, MongoDB, and Docker.**

PROJECTS

Centrica Field Ops Project | Full Stack .NET

- As a Full Stack Programmer on the FieldOps project, I develop **RESTful API**s and **microservices**, contribute to user story creation and testing, and conduct root cause analysis to support informed decisions on Engineer Supply and Demand. I also assist DevOps in deploying and maintaining fault-tolerant systems and pipelines, ensuring seamless project execution.

German Bank Loan Default Prediction | Machine Learning

- Developed machine learning models to predict loan defaults using a German bank dataset, analyzing features like checking balance, employment duration, and loan amount. Conducted EDA with visualizations to uncover key patterns and preprocessed data by encoding, standardizing, and handling missing values. Implemented and optimized models (Logistic Regression, Random Forest, XGBoost, and Gradient Boosting) with GridSearchCV, evaluating performance using precision, recall, F1-score, and accuracy.