Sasha Singh

+1-385-229-7724 | singh.sasha00@gmail.com | LinkedIn | GitHub | COMPUTE

EDUCATION

The University of Utah, Salt Lake City, UT   May 2024
Bachelor of Science in Computer Science

Relevant Coursework: Object-Oriented Programming , Data Structures and Algorithms, Relational Databases, Software Practices, Probability and Statistics, Entrepreneurial Marketing, Operating Systems, Human Centered Design, Mobile/Web Development

WORK EXPERIENCE

Application Developer Intern | Oracle America Inc. | Austin, TX | May - Aug 2023
-Involved in the launch of a new product, focusing on power grid planning and storm restoration system implementation.
-Followed Agile methodology to attend daily stand up calls, use Jira ticketing system for bug report, maintained Confluence pages, created version history, and worked on CI/CD pipelines and deployment.
-Assisted in predicting harsh weather conditions and helping customers make energy-efficient choices.
-Developed a tech stack pipeline for an interactive weather application using JavaScript with React components in the Oracle Jet framework.
-Defined Java microservices and REST API specifications to consume data.

Software Engineer Intern | Oracle America Inc. | Remote | May - Aug 2022
-Worked in the Data Science team, utilizing data analytics tools and machine learning algorithms.
-Forecasted electricity theft for Ameren and Dominion Energy.
-Developed, validated, and tested models such as KNN In Python to predict electricity consumption based on temperature and other factors.

Data Engineer Intern | SkyLark Labs | Remote | May-Aug 2021
-Developed Artificial Intelligence model for real-time analysis for image and video in crowds.
-Developed user-friendly interface using JavaScript with Angular components, HTML, and CSS.
-Human resources, technical recruiting, product marketing in a second stage startup environment.

PROJECTS

- **Loan Management System**: designed and implemented a loan application/decision engine for LoanPro; built with JavaScript, HTML/CSS, Django, SQLite.
-**Learning Management System**: implemented an app to manage students, faculty, and courses; built with C# ASP.NET Core MVC, LINQ, MySQL.
-**Fitness Tracking App**: backend application to help track user's caloric intake, physical activity, and track weather; built with Android NDK, SQLite, OpenWeatherMap API.
-**Spreadsheet**: an Excel-style spreadsheet application using C# and Windows Forms, providing a user-friendly interface for data entry and analysis.

SKILLS & TECH STACK

Java, C#, Python, C++, Kotlin, JavaScript, Node/React.js, BootStrap, Git, SCRUM, Django, Oracle Cloud Infrastructure Foundations Associate, Engineering Project Management, SQL For Data Science.